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**GROUNDWATER MONITORING REPORT  
GREYHOUND LINES TERMINAL  
2103 SAN PABLO AVENUE  
OAKLAND, CALIFORNIA 94608**

Green Star Environmental Report No. 09-1379

Report Prepared For:

Greyhound Lines, Inc.  
350 N St. Paul Street, MS0084  
Dallas, Texas 75201

December 11, 2009

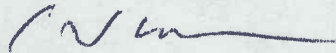


Greyhound Lines, Inc.  
2103 San Pablo Avenue  
Oakland, California

Having reviewed the attached Groundwater Monitoring Event Report, being familiar with the project to which it relates, and understanding the guidelines of the San Francisco Bay Regional Water Quality Control Board and the Oakland Urban Land Redevelopment Program, I hereby certify that the attached Groundwater Monitoring Event Report, dated December 11, 2009, has been prepared and the related activities were conducted in accordance with the required standards.

12/21/2009

DATE

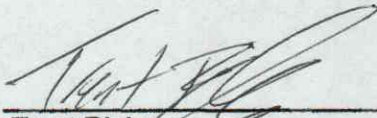


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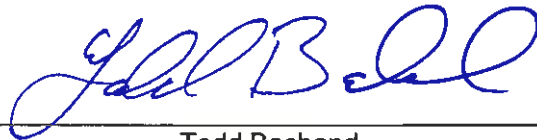
**Greyhound Lines, Inc.  
2103 San Pablo Avenue  
Oakland, California**

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached Groundwater Monitoring Event Report are true and correct to the best of my knowledge.

12-28-09

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DATE



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Todd Bachand  
Environmental Manager  
FirstGroup America, Inc.  
600 Vine Street  
Cincinnati, OH 45202



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## 1.0 INTRODUCTION

Green Star Environmental (Green Star) has been retained by Greyhound Lines, Inc. (Greyhound) to manage environmental issues related to the Greyhound Lines Terminal located at 2103 San Pablo Avenue, Oakland, California ("Site"; Fuel Leak Case No. RO0000074 and Geotracker Global ID T0600100666). At the request of Alameda County Environmental Health (ACEH) in their letter dated June 20, 2008, a groundwater monitoring event was conducted at the Site on October 6 and 7, 2009 to document groundwater impacts related to the project. This report documents the details related to the groundwater monitoring event. Table 1 presents a summary of previous environmental reports for the Site.

### 1.1 Background Information

Six, out-of-service underground storage tanks (USTs) were removed from the Site in 1989. The USTs were reportedly out of use for at least two decades prior to their removal. Subsurface investigations between 1989 and 1997 indicated that a relatively small area of impact to soil and groundwater of petroleum hydrocarbons was present at the Site. Tables 2a and 3a present summaries of groundwater data from the October 2009 event while Tables 2b and 3b present cumulative summaries of groundwater data.

A Site Location/USGS Topographic Map is presented as Figure 1. Site details are illustrated in Figure 2.

A remediation system was operated from 1992 to 1997 to recover phase-separated hydrocarbons (PSH) and dissolved-phase impacts in groundwater utilizing, total fluids recovery pumps in four, four-inch diameter wells (ES-1, ES-5, BC-1 and ES-2). The recovered fluids were treated with an oil/water separator and activated carbon absorption columns prior to discharge to the sanitary sewer. Data indicate that the system was effective as PSH greater than 0.1-foot has not been detected since 1995. PSH was last detected at the Site in October 1997 in well ES-1.

On April 8, 2009, the well network was surveyed to mean sea level (msl) elevation and latitude and longitude using the North American Vertical Datum 1988 (NAVD88) and North American Datum 1983 (NAD83) coordinate systems by a California licensed surveyor.

### 1.2 Geology and Hydrogeology

According to the United States Geological Survey (USGS), the Site is underlain by unconsolidated Quaternary-aged sediments generally associated with beach and dune formations. Lake Merritt is the nearest surface water body at approximately 0.50-mile east-southeast from the Site. The Oakland Inner Harbor is located approximately 1.1 miles south-southwest of the Site. Groundwater in the area is utilized for limited irrigation and industrial purposes. The City of Oakland obtains its municipal and drinking water from the East Bay Municipal Utility District (EBMUD). EBMUD imports this water from the surface waters of the Sierra Nevada Mountain Range, located approximately 200 miles east of the Site.

Historically, shallow groundwater at the Site has ranged from approximately 12 to 22 feet below surface grade (approximately 3.6 to 9.7 feet above msl) while the groundwater flow direction at the Site has typically been in a radial pattern (ranging from west-southwest to the northwest). Current shallow groundwater data is detailed below in Section 2.1.



## 2.0 GROUNDWATER MONITORING AND ANALYSIS

A groundwater monitoring event utilizing the network of 13 wells at the Site was conducted on October 6 and 7, 2009. Historically, the well network at the Site has been comprised of 14 monitoring wells, but, in September 2008, well ES-10 was found to have been covered by pavement comprising Castro Street. Green Star obtained the necessary traffic control permits from the City of Oakland to access monitoring wells ES-8 and ES-9 which are located in Castro Street.

### 2.1 Groundwater Level Monitoring

Total depths, depths to groundwater, and the potential presence of phase-separated hydrocarbons (PSH) were measured in each well using a Keck® interface probe on October 6, 2009. Table 2a presents a summary of groundwater gauging data from the October 2009 event while Table 2b presents a cumulative summary of groundwater gauging data. Copies of the groundwater sampling records documenting the gauging data from the event are presented as Appendix C.

PSH was not detected in October 2009 and has not been detected since October 1997. Groundwater elevations in the wells gauged ranged from 7.71 feet above msl in well ES-8 to 8.54 feet above msl in well ES-6. The groundwater flow direction was in a radial pattern ranging from the west-southwest to the northwest while the calculated hydraulic gradient was 0.005 ft/ft. The groundwater gradient on October 6, 2009 is presented as Figure 3. Cumulative graphs of groundwater elevations and PSH thicknesses are presented as Appendix B.

### 2.2 Groundwater Sample Collection

Groundwater samples were collected by low-flow methods with a peristaltic pump and polyethylene discharge tubing dedicated to each well. Groundwater chemistry parameters (temperature, pH, oxidation-reduction potential, and specific conductance) were monitored during purging activities in order to confirm that the collected groundwater samples were representative of the surrounding aquifer using an YSI 556 parameter meter and flow through cell. The purging process continued until parameters stabilized for three consecutive readings to within EPA specified margins. The acceptable ranges are  $\pm 0.1$  standard units for pH,  $\pm 3\%$  for conductivity, and  $\pm 10$  mV for oxidation-reduction potential.

Groundwater samples were collected from 12 monitor wells (BC-1, BC-3, ES-1 through ES-9, and ES-11). BC-2 was not sampled due to its close proximity to BC-3. Each well was sampled for total petroleum hydrocarbons-gasoline, diesel, and oil ranges (TPH-g, TPH-d, and TPH-o, respectively), benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE), tert-amyl methyl ether (TAME), 1,2-dichloroethane (EDC), 1,2-dibromoethane (EDB), tertiary butyl alcohol (TBA), diisopropyl ether (DIPE), and ethanol.

Groundwater samples collected for TPH-d and TPH-o analysis were transferred into laboratory-provided, 1-liter amber glass bottles. Samples collected for TPH-g, BTEX, naphthalene, MTBE, ETBE, TAME, EDC, EDB, TBA, DIPE and ethanol analyses were transferred into laboratory-provided, 40-milliter (mL) glass vials preserved with hydrochloric acid (HCl). A trip blank of distilled water in 40-mL vials was included with the ice chest and transported to the laboratory with the samples. The collected



groundwater samples were labeled, stored in ice-cooled chests, and logged on the appropriate chain-of-custody form.

### **2.3 Analytical Methodology**

Collected groundwater samples were analyzed for TPH-d and TPH-o via EPA Method 8015 modified as well as for TPH-g, BTEX, naphthalene, MTBE, ETBE, TAME, EDC, EDB, TBA, DIPE and ethanol via EPA Method 8260 at SPL, Inc. in Houston, Texas, a California certified laboratory. Analytical reports for the event are presented in Appendix A.

### **2.4 Groundwater Analytical Results**

Analytes have been differentiated into three groups for discussion purposes: BTEX, TPH, and miscellaneous petroleum hydrocarbons (naphthalene, MTBE, ETBE, TAME, DIPE, EDC, EDB, TBA and ethanol). Table 3a presents a summary of groundwater analytical data from the October 2009 event while Table 3b presents a cumulative summary of groundwater analytical data.

#### **2.4.1 BTEX Constituents**

Analytical results from the groundwater event indicated concentrations of at least one dissolved-phase BTEX constituent was present in each well, except for ES-6, ES-7, and ES-11. Benzene was present in eight wells and ranged from 0.0002 mg/L in well ES-4 to 0.730 mg/L in well ES-2. Toluene was present in seven wells and ranged from 0.0003 mg/L in well BC-3 to 0.190 mg/L in well ES-5. Ethylbenzene was present in eight wells and ranged from 0.0002 mg/L in wells BC-3 and ES-4 to 0.440 mg/L in well ES-5. Xylenes were present in nine wells and ranged from 0.0002 mg/L in well ES-9 to 0.373 mg/L in well ES-5. Dissolved-phase benzene in groundwater is illustrated as Figure 4.

#### **2.4.2 TPH Constituents**

Analytical results from the groundwater event indicated concentrations of at least one TPH constituent was present in each well, except for ES-11. TPH-g was present in eleven wells and ranged from 0.017 mg/L in well ES-6 to 12.0 mg/L in well ES-5. TPH-d was present in ten wells and ranged from 0.027 mg/L in well ES-9 to 1.50 mg/L in well ES-5. TPH-o was present in ten wells and ranged from 0.034 mg/L in well ES-6 to 0.170 mg/L in well ES-8. Concentrations of dissolved-phase TPH-g and TPH-d in groundwater are illustrated as Figures 5 and 6, respectively.

#### **2.4.3 Miscellaneous Petroleum Hydrocarbons**

Miscellaneous petroleum hydrocarbons detected include: naphthalene, DIPE, and EDC. Naphthalene was present in seven wells and ranged from 0.0002 mg/L in wells BC-3 and ES-8 to 0.160 mg/L in ES-5. DIPE was present in ten wells and ranged from 0.0004 mg/L in wells BC-3 and ES-6 to 0.100 mg/L in ES-3. EDC was present in wells ES-1 and ES-3 at 0.0007 mg/L and 0.0008 mg/L, respectively. MTBE, ETBE, TAME, EDB, TBA, and ethanol were not detected above laboratory detection limits.



#### **2.4.4 Comparison of Chemicals of Concern to Regulatory Thresholds**

Of the detected constituents, benzene, toluene, naphthalene, and EDC exceeded the ingestion-specific Risk Based Screening Level (RBSL) established for each constituent by the City of Oakland. Benzene exceeded its ingestion-specific RBSL of 0.001 mg/L in seven wells (BC-1, BC-3, ES-1 through ES-3, ES-5 and ES-8). Toluene exceeded its ingestion-specific RBSL of 0.150 mg/L in well ES-5. Naphthalene exceeded its ingestion-specific RBSL of 0.020 mg/L in three wells (ES-1, ES-3, and ES-5). EDC exceeded its ingestion-specific RBSL of 0.0005 mg/L in two wells (ES-1 and ES-3). As RBSLs have not been established for TPH, California Environmental Protection Agency (Cal/EPA) Environmental Screening Levels (ESLs) were utilized for comparison purposes. TPH-g was detected above its ESL of 0.100 mg/L in seven wells (BC-1, ES-1 through ES-5, and ES-8). TPH-d was detected above its ESL of 0.100 mg/L in six wells (BC-1, ES-1 through ES-3, ES-5, and ES-8). No other detected analytes exceeded an established ingestion-specific RBSL or ESL, as applicable. It should be noted that no constituent exceeding an ingestion-specific threshold exceeded their respective non-ingestion based threshold.

#### **2.5 Equipment Decontamination Procedures**

The depth to fluid in each monitor well was measured using a Keck<sup>®</sup> interface probe. The interface probe was cleaned before and after uses with a solution of Alconox<sup>™</sup> soap and distilled water. The probe was then rinsed with distilled water. Polyethylene tubing dedicated to each well was used to purge and sample the wells.

#### **2.6 Field-Derived Waste**

Purged groundwater and decontamination fluids were containerized in appropriately labeled, DOT-approved, 55-gallon drums that were sealed and temporarily stored on-site pending characterization and off-site disposal.





### 3.0 SUMMARY AND CONCLUSIONS

This Groundwater Monitoring Report documents groundwater monitoring activities conducted in October 2009. The following is a summary of the report.

- Six out-of-service USTs were removed from the Site in 1989. The USTs were reportedly out of use for at least two decades prior to their removal. Subsurface investigations between 1989 and 1997 indicated that a relatively small area of impacts to soil and groundwater of petroleum hydrocarbons is present at the Site. A remediation system was operated from 1992 to 1997 to recover PSH and dissolved-phase impacts in groundwater utilizing, total fluids recovery pumps in four, four-inch diameter wells (ES-1, ES-5, BC-1 and ES-2). Data indicate that the system was effective as PSH greater than 0.1-foot has not been detected since 1995. PSH was last detected at the Site in October 1997 in well ES-1.
- Currently, the well network at the Site is comprised of 13 monitoring wells. In October 2009, total depths, depths to groundwater, and the presence of PSH were measured in each well using a Keck<sup>®</sup> interface probe. Twelve wells were sampled for BTEX, TPH and miscellaneous petroleum hydrocarbons. BC-2 was not sampled due to its close proximity to BC-3.
- PSH was not detected in October 2009. Groundwater elevations in the wells gauged ranged from 7.71 feet above msl in well ES-8 to 8.54 feet above msl in well ES-6. The groundwater flow direction was in a radial pattern ranging from the west-southwest to the northwest while the calculated hydraulic gradient was 0.005 ft/ft.
- Analytical results from the groundwater event indicated concentrations of BTEX, TPH-g, TPH-d, TPH-o, naphthalene, DIPE, and EDC were detected. BTEX was detected in nine wells. At least one TPH constituent was detected in each sampled well, except ES-11. MTBE, ETBE, TAME, EDB, TBA, and ethanol were not detected.

Analytical results indicated that benzene, toluene, naphthalene, and EDC exceeded the ingestion-specific RBSL for each particular constituent while TPH-g and TPH-d were detected above the ESL for each constituent. No constituent exceeding an ingestion-specific threshold exceeded their respective non-ingestion based threshold.

- Given the stable groundwater conditions at the Site, FirstGroup America requests that ACEH approve the Workplan dated November 11, 2008 related to the Subsurface Investigation requested by ACEH and reply to conclusions of the Site Conceptual Model dated August 12, 2009.



#### **4.0 QUALIFICATIONS**

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. This company is not responsible for the independent conclusions, opinions or recommendations made by others based on the records review, site inspection, field exploration, and laboratory test data presented in this report.

It should be noted that all environmental assessments are inherently limited because they are developed from limited research and site investigation. Subsurface conditions investigated as part of these kinds of investigations may differ from conditions observed on the surface or indicated in written reports. It is also important to note that the conditions observed at the project site and surrounding properties are limited to the day of the site visit and may change with the passage of time.



## **LIST OF TABLES**

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TABLE 2a	Summary of Groundwater Level Measurements (October 2009)
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TABLE 4	Cumulative Summary of Soil Analytical Results

**Table 1 - Summary of Previous Reports  
Greyhound Lines, Inc.  
2103 San Pablo Avenue  
Oakland, Alameda County, California  
Green Star Project No. 09-1379**

Reference No.	Document Date	Type	Title	Author	Description
1	6/22/1989	Report	Phase I Investigation	Brown and Caldwell	Report determined that six USTs were present at the Site. Based on analytical testing of residual liquids in the USTs and soil samples, the USTs appeared to contain diesel, gasoline and water and at least some release has occurred to the subsurface. Groundwater was encountered at approximately 22 ft bgs, but was not sampled. Wells BC-1, BC-2, and BC-3 were found to be installed by 1992, but were not documented by this report.
2	7/21/1989	Letter	Report of Soil Contamination	Greyhound Lines, Vernon Sorgee PE	Reported release of diesel and/or gasoline from six, out of service USTs.
3	1/27/1992	Report	Preliminary Site Investigation Report	Engineering-Science, Inc.	The six USTs were reportedly unused for approximately 20 years. The six USTs were removed after the 1989 investigation. In November 1991, Engineering-Science, Inc. installed five monitoring wells (ES-1 through ES-5) and performed groundwater monitoring and a storm drain inspection. PSH was detected in wells BC-1 and ES-5. In soil, TPH-d was detected in only one sample from ES-5 while TEX was present samples from ES-1, ES-2, and ES-5. In groundwater, BTEX was present in ES-1, ES-2, ES-3 and ES-5 while TPH-d was present only in ES-5. Wells BC-1, BC-2 and BC-3 were not sampled. No evidence of impacts were observed in the inspected storm drains.
4	7/13/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Monthly monitoring report of water levels and PSH. PSH was detected in four of the monitoring wells.
5	8/5/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells. Quarterly groundwater sampling was performed.
6	8/19/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
7	10/1/1992	Letter	Hydrocarbon Recovery System Installation/ Monitoring	Engineering-Science, Inc.	Summarizes the proposed remediation system that is to be installed. Documents system monitoring and groundwater monitoring procedures which include monthly and quarterly reports.
8	10/6/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
9	11/11/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells. Quarterly groundwater sampling was performed.
10	12/15/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells. The hydrocarbon recovery system was installed in November 1992.
11	12/15/1992	Report	Tank Closure Documentation	Engineering-Science, Inc.	The six USTs were removed in April 1990. As no documentation of the tank removal was available on the San Francisco Bay Region of the California RWQCB's fuel leak list, this report was created to document the removal. The report contains tank disposal records, records of soil disposal, analytical results of samples collected during the tank/soil removal, laboratory reports including quality control/quality assurances, and chain-of-custody documentation in order to provide the proper tank closure documentation requested by ACEH. No release determination samples were collected as part of the removal operation.
12	12/18/1992	Report	Hydrocarbon Recovery System Installation	Engineering-Science, Inc.	A remediation system was installed in November 1992 to recover PSH utilizing pneumatic, total fluids pumps in four, four-inch ID diameter recovery wells (30 ft. deep; ES-1, ES-5, BC-1 and ES-2). The recovered fluids were treated with an oil/water separator and activated carbon absorption columns prior to discharge to the sanitary sewer. Weekly system maintenance checks were performed during the initial start-up and first eight weeks of operation.

**Table 1 - Summary of Previous Reports  
 Greyhound Lines, Inc.  
 2103 San Pablo Avenue  
 Oakland, Alameda County, California  
 Green Star Project No. 09-1379**

Reference No.	Document Date	Type	Title	Author	Description
13	1/11/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
14	1/31/1993	Report	Quarterly Status Report	Engineering-Science, Inc.	Quarterly monitoring report. PSH was detected in four of the wells. Quarterly groundwater sampling was performed.
15	3/8/1993	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly monitoring report. PSH was detected in three of the wells. Quarterly groundwater sampling was performed.
16	3/8/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
17	4/2/1993	Report	Supplemental Site Assessment Investigation Work Plan	Engineering-Science, Inc.	A workplan was created to further define the lateral and vertical extent of soil and groundwater contamination. Specific remedial actions for mitigating the contamination will also be assessed. Proposed work includes installation of six to eight soil borings which will be converted to groundwater monitoring wells.
18	4/13/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
19	5/11/1993	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in three of the monitoring wells. Quarterly groundwater sampling was performed.
20	6/15/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
21	7/29/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
22	8/12/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in two of the monitoring wells.
23	8/30/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in two of the monitoring wells.
24	10/1/1993	Report	Preliminary Risk Evaluation	Engineering-Science, Inc.	The risk assessment includes an evaluation of potential contaminant exposure pathways, existing contaminant levels and distribution, chemical characteristics, and site-specific factors such as soil permeability, and local land and water uses. For this assessment, the site was divided into two regions: the former Tank Pit area (source area) and the region surrounding the source area (perimeter). Concentrations of contaminants in groundwater within the source area exceed criteria derived to protect both human health and the environment. None of the chemicals detected in the groundwater within the perimeter were found to exceed the criteria used, indicating that the recovery system is preventing migration of contaminants from the source area. Concentrations of BTEX in soils did not exceed calculated risk-based preliminary remediation goals in either the source area or the perimeter sample locations. TPH was detected in soils in the source area, but risk-based PRGs could not be derived for these contaminants because USEPA-derived toxicity values are not available. It was concluded that a more detailed quantitative risk assessment was not needed.
25	10/15/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
26	11/16/1993	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in four of the monitoring wells. Quarterly groundwater sampling was performed.

**Table 1 - Summary of Previous Reports  
Greyhound Lines, Inc.  
2103 San Pablo Avenue  
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Reference No.	Document Date	Type	Title	Author	Description
27	11/18/1993	Report	Supplemental Site Assessment	Engineering-Science, Inc.	Documented the installation of six soil borings/wells (ES-6 through ES-11) and groundwater monitoring event. No impacts were detected in the soil samples. ES-11 was the only newly installed monitoring well with detectable concentrations of BTEX. While PSH was not detected, the continued operation of the groundwater recovery system on-site and continued groundwater monitoring was recommended. Groundwater impacts were limited to wells near the former USTs and ES-11.
28	12/15/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
29	1/13/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
30	2/26/1994	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in three of the monitoring wells. Quarterly groundwater sampling was performed.
31	3/18/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
32	4/11/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
33	5/18/1994	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in four of the monitoring wells. Quarterly groundwater sampling was performed.
34	6/1/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
35	7/8/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
36	9/1/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
37	9/7/1994	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not recorded due to equipment theft. Quarterly groundwater sampling was performed.
38	9/28/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
39	10/31/1994	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in one of the monitoring wells. Quarterly groundwater sampling was performed.
40	12/15/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in two of the monitoring wells. The last report in which PSH was detected greater than 0.1-foot.
41	1/23/1995	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells.
42	2/14/1995	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
43	2/23/1995	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in two of the monitoring wells.
44	3/23/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells.

**Table 1 - Summary of Previous Reports  
 Greyhound Lines, Inc.  
 2103 San Pablo Avenue  
 Oakland, Alameda County, California  
 Green Star Project No. 09-1379**

Reference No.	Document Date	Type	Title	Author	Description
45	5/19/1995	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed.
46	7/6/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in three of the monitoring wells.
47	7/7/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells.
48	8/8/1995	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed.
49	9/25/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in two of the monitoring wells.
50	10/17/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells.
51	12/5/1995	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed.
52	2/26/1996	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed.
53	5/2/1996	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
54	8/9/1996	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
55	11/26/1996	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
56	2/18/1997	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
57	5/23/1997	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
58	9/15/1997	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed. Product had not been recovered since September 1994 and to date 1,015 gallons of free product had been recovered. In addition, 82,610 gallons of groundwater had been treated and discharged to the sanitary sewer.
59	11/25/1997	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed. The recovery system was deactivated in January 1997.
60	6/14/2000	Report	Case Closure Checklist, Leaking Underground Storage Tank Program	Central Valley Regional Water Quality Control Board	Case closure checklist, site location map, water well driller's reports, analytical summary (monitoring wells: 07/08/92-10/07/97), site plan, soil analytical data map, groundwater analytical data map.

**Table 1 - Summary of Previous Reports  
 Greyhound Lines, Inc.  
 2103 San Pablo Avenue  
 Oakland, Alameda County, California  
 Green Star Project No. 09-1379**

Reference No.	Document Date	Type	Title	Author	Description
61	6/15/2000	Report	Risk Management Plan	Parsons Engineering Science, Inc.	Includes stipulations and restrictions that must be followed in order to comply with all requirements of the Risk Management Plan as specified by the ACEH, CASE closure checklist, site location map, analytical summary (monitoring wells: 07/08/92-10/07/97), site plan, soil analytical data map, and groundwater analytical data map.
62	6/15/2000	Report	Final Closure Request	Parsons Engineering Science, Inc.	Reviews site history and existing conditions (in 12/97, the groundwater monitoring program was terminated with ACEH and RWQCB's approval). Requested No Further Action (NFA) as: none of the 384 wells located in Section 26 are used for municipal water supply, Lake Merrit is located approximately 1,700 feet east of the site and is the nearest surface water body, regional groundwater flow is to the south-southwest, no soil remediation was required at the site, a total fluid recovery system was used between 01/93 through 02/97 to remove PSH discovered in four onsite wells (ES-1, ES-2, ES-5, and BC-1), PSH was completely removed and dissolved constituents were reduced to levels of diminishing returns, factors limiting potential adverse impacts include the limited horizontal and vertical extent of the dissolved hydrocarbon plume and the removal of PSH from the vicinity of the former UST locations, and absence of potable drinking wells or reservoirs within a one-mile radius. Conclusions from the Preliminary Risk Evaluation and Tier II Benzene assessment indicated the lack of any significant health or environmental threats to current or future users of the site under current use conditions. It was recommended that a NFA status be granted for the site with a deed restriction and Risk Management Plan in place.
63	11/12/2008	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in September 2008 utilizing 13 wells. PSH was not detected. Benzene, toluene, and naphthalene exceeded City of Oakland RBSLs. TPH-g and TPH-d exceeded Cal EPA ESLs. The majority of the groundwater impacts remained on-site.
64	5/12/2009	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in April 2009 utilizing 13 wells. PSH was not detected. Benzene, toluene, naphthalene, and EDB exceeded City of Oakland RBSLs. TPH-g and TPH-d exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.
65	7/1/2009	Report	Site Conceptual Model	Green Star Environmental	The Site Conceptual Model evaluated known data for the project. No known exposures appear to be occurring and the majority of the groundwater impacts have remained on-site. No downgradient receptors appear to be at risk. A Workplan to confirm current soil impacts was submitted to ACEH.
66	9/28/2009	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in April 2009 utilizing 13 wells. PSH was not detected. Benzene, toluene, naphthalene, EDB, and EDC exceeded City of Oakland RBSLs. TPH-g and TPH-d exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.

ACEH = Alameda County Environmental Health

RWQCB = Regional Water Quality Control Board



**Table 2a - Summary of Groundwater Level Measurements (October 2009)**

Greyhound Lines, Inc.  
 2103 San Pablo Ave.  
 Oakland, Alameda County, California  
 Green Star Project No. 09-1379

Well No.	Date	Screened Interval (feet bgs)	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase- Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
BC-1	10/06/09	unknown	24.41	--	16.27	--	29.59	8.14
BC-2 <sup>2</sup>	10/06/09	unknown	24.37	--	16.61	--	19.94	na
BC-3 <sup>2</sup>	10/06/09	unknown	24.42	--	16.66	--	20.16	na
ES-1	10/06/09	10.5-30.5	24.11	--	16.10	--	30.15	8.01
ES-2	10/06/09	10.5-30.5	24.66	--	16.57	--	30.15	8.09
ES-3	10/06/09	15-35	24.93	--	17.06	--	31.56	7.87
ES-4	10/06/09	10.5-30.5	23.93	--	15.80	--	29.94	8.13
ES-5	10/06/09	10.5-30.5	24.08	--	16.12	--	30.08	7.96
ES-6	10/06/09	15-35	27.06	--	18.52	--	35.00	8.54
ES-7	10/06/09	15-35	25.66	--	17.90	--	31.72	7.76
ES-8	10/06/09	15-35	24.74	--	17.03	--	29.16	7.71
ES-9	10/06/09	15-35	23.33	--	15.52	--	34.91	7.81
ES-10 <sup>3</sup>	10/06/09	15-35	nm	nm	nm	nm	nm	nm
ES-11	10/06/09	15-35	24.08	--	15.90	--	35.04	8.18

nm = not measured    na = not applicable    -- = none detected    BMP = below measuring point

Note: 1) On April 8, 2009, the well network was surveyed according to the North American Vertical Datum 1988 (NAVD 88) system.

2) Well casings are not vertical.

3) Monitoring well ES-10 has been paved over and is not accessible.

**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
BC-1	07/07/92	24.41	19.55	20.66	1.11	nm	4.65
BC-1	08/04/92	24.41	18.47	20.90	2.43	nm	5.48
BC-1	08/31/92	24.41	18.68	21.02	2.34	nm	5.29
BC-1	10/06/92	24.41	18.82	21.14	2.32	nm	5.15
BC-1	11/06/92	24.41	18.24	20.69	2.45	nm	5.70
BC-1	01/07/93	24.41	19.60	21.76	2.16	nm	4.40
BC-1	04/06/93	24.41	--	18.26	--	nm	6.15
BC-1	07/03/93	24.41	19.05	19.15	0.10	nm	5.34
BC-1	08/04/93	24.41	19.30	19.40	0.10	nm	5.09
BC-1	09/01/93	24.41	19.23	19.32	0.09	nm	5.16
BC-1	10/07/93	24.41	19.25	19.43	0.18	nm	5.13
BC-1	11/02/93	24.41	19.42	19.61	0.19	nm	4.95
BC-1	12/06/93	24.41	19.31	19.53	0.22	nm	5.06
BC-1	01/05/94	24.41	19.25	19.42	0.17	nm	5.13
BC-1	02/02/94	24.41	19.30	19.50	0.20	nm	5.07
BC-1	03/02/94	24.41	18.40	18.60	0.20	nm	5.97
BC-1	04/07/94	24.41	18.10	18.20	0.10	nm	6.29
BC-1	05/05/94	24.41	18.65	18.84	0.19	nm	5.72
BC-1	06/07/94	24.41	18.25	18.52	0.27	nm	6.11
BC-1	07/13/94	24.41	--	18.70	--	nm	5.71
BC-1	08/03/94	24.41	--	18.40	--	nm	6.01
BC-1	09/14/94	24.41	18.72	18.73	0.01	nm	5.69
BC-1	10/06/94	24.41	--	18.58	--	nm	5.83
BC-1	11/02/94	24.41	18.81	18.82	0.01	nm	5.60
BC-1	12/07/94	24.41	17.93	17.94	0.01	nm	6.48
BC-1	01/13/95	24.41	--	18.58	--	nm	5.83
BC-1	02/14/95	24.41	16.76	16.80	0.04	nm	7.64
BC-1	03/07/95	24.41	--	17.08	--	nm	7.33
BC-1	04/11/95	24.41	--	16.55	--	nm	7.86
BC-1	05/09/95	24.41	16.99	17.00	0.01	nm	7.42
BC-1	06/09/95	24.41	17.38	17.39	0.01	nm	7.03
BC-1	07/06/95	24.41	--	17.64	--	nm	6.77
BC-1	08/10/95	24.41	--	17.89	--	nm	6.52
BC-1	09/07/95	24.41	--	17.96	--	nm	6.45
BC-1	10/03/95	24.41	--	18.23	--	nm	6.18
BC-1	10/05/95	24.41	--	18.23	--	nm	6.18
BC-1	11/02/95	24.41	--	18.02	--	nm	6.39
BC-1	12/07/95	24.41	--	18.64	--	nm	5.77
BC-1	01/03/96	24.41	--	18.36	--	nm	6.05
BC-1	02/06/96	24.41	--	17.43	--	nm	6.98
BC-1	03/12/96	24.41	--	16.85	--	nm	7.56
BC-1	05/07/96	24.41	--	17.45	--	nm	6.96
BC-1	06/05/96	24.41	--	17.46	--	nm	6.95
BC-1	09/05/96	24.41	--	18.16	--	nm	6.25
BC-1	10/08/96	24.41	--	18.40	--	nm	6.01
BC-1	11/08/96	24.41	--	18.57	--	nm	5.84
BC-1	12/13/96	24.41	--	18.24	--	nm	6.17
BC-1	01/16/97	24.41	--	17.19	--	nm	7.22
BC-1	02/14/97	24.41	--	16.88	--	nm	7.53
BC-1	03/07/97	24.41	--	17.31	--	nm	7.10
BC-1	04/17/97	24.41	--	17.92	--	nm	6.49
BC-1	07/15/97	24.41	--	18.61	--	nm	5.80
BC-1	10/07/97	24.41	--	18.72	--	nm	5.69
BC-1	09/24/08	24.41	--	16.68	--	29.55	7.73
BC-1	04/08/09	24.41	--	14.95	--	29.55	9.46
BC-1	07/14/09	24.41	--	15.77	--	29.58	8.64
BC-1	10/06/09	24.41	--	16.27	--	29.59	8.14
BC-2	07/07/92	24.37	--	16.89	--	nm	nd <sup>2</sup>
BC-2	08/04/92	24.37	--	18.46	--	nm	nd <sup>2</sup>
BC-2	08/31/92	24.37	--	18.89	--	nm	nd <sup>2</sup>
BC-2	10/06/92	24.37	--	18.50	--	nm	nd <sup>2</sup>
BC-2	11/06/92	24.37	--	15.98	--	nm	nd <sup>2</sup>
BC-2	01/07/93	24.37	--	13.50	--	nm	nd <sup>2</sup>
BC-2	04/06/93	24.37	--	15.20	--	nm	nd <sup>2</sup>
BC-2	07/03/93	24.37	--	17.75	--	nm	nd <sup>2</sup>
BC-2	08/04/93	24.37	--	18.10	--	nm	nd <sup>2</sup>
BC-2	09/01/93	24.37	--	18.48	--	nm	nd <sup>2</sup>
BC-2	10/07/93	24.37	--	19.02	--	nm	nd <sup>2</sup>
BC-2	11/02/93	24.37	--	18.76	--	nm	nd <sup>2</sup>
BC-2	12/06/93	24.37	--	18.87	--	nm	nd <sup>2</sup>
BC-2	01/05/94	24.37	--	16.76	--	nm	nd <sup>2</sup>
BC-2	02/02/94	24.37	--	16.42	--	nm	nd <sup>2</sup>

**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
BC-2	05/05/94	24.37	--	17.30	--	nm	nd <sup>2</sup>
BC-2	06/07/94	24.37	--	17.70	--	nm	nd <sup>2</sup>
BC-2	07/13/94	24.37	--	17.10	--	nm	nd <sup>2</sup>
BC-2	08/03/94	24.37	--	18.36	--	nm	nd <sup>2</sup>
BC-2	09/14/94	24.37	--	17.04	--	nm	nd <sup>2</sup>
BC-2	01/13/95	24.37	--	12.80	--	nm	nd <sup>2</sup>
BC-2	02/14/95	24.37	--	15.11	--	nm	nd <sup>2</sup>
BC-2	03/07/95	24.37	--	16.21	--	nm	nd <sup>2</sup>
BC-2	04/11/95	24.37	--	15.56	--	nm	nd <sup>2</sup>
BC-2	05/09/95	24.37	--	15.81	--	nm	nd <sup>2</sup>
BC-2	06/09/95	24.37	--	16.88	--	nm	nd <sup>2</sup>
BC-2	07/06/95	24.37	--	16.88	--	nm	nd <sup>2</sup>
BC-2	08/10/95	24.37	--	17.55	--	nm	nd <sup>2</sup>
BC-2	09/07/95	24.37	--	18.03	--	nm	nd <sup>2</sup>
BC-2	10/03/95	24.37	--	18.24	--	nm	nd <sup>2</sup>
BC-2	10/05/95	24.37	--	18.24	--	nm	nd <sup>2</sup>
BC-2	11/02/95	24.37	--	18.36	--	nm	nd <sup>2</sup>
BC-2	01/03/96	24.37	--	17.86	--	nm	nd <sup>2</sup>
BC-2	02/06/96	24.37	--	16.31	--	nm	nd <sup>2</sup>
BC-2	03/12/96	24.37	--	16.50	--	nm	nd <sup>2</sup>
BC-2	04/09/96	24.37	--	16.90	--	nm	nd <sup>2</sup>
BC-2	05/07/96	24.37	--	17.20	--	nm	nd <sup>2</sup>
BC-2	06/05/96	24.37	--	17.10	--	nm	nd <sup>2</sup>
BC-2	07/09/96	24.37	--	17.70	--	nm	nd <sup>2</sup>
BC-2	10/08/96	24.37	--	18.40	--	nm	nd <sup>2</sup>
BC-2	11/08/96	24.37	--	18.30	--	nm	nd <sup>2</sup>
BC-2	12/13/96	24.37	--	16.80	--	nm	nd <sup>2</sup>
BC-2	01/16/97	24.37	--	16.40	--	nm	nd <sup>2</sup>
BC-2	02/14/97	24.37	--	16.30	--	nm	nd <sup>2</sup>
BC-2	03/07/97	24.37	--	17.00	--	nm	nd <sup>2</sup>
BC-2	04/17/97	24.37	--	17.70	--	nm	nd <sup>2</sup>
BC-2	07/15/97	24.37	--	18.50	--	nm	nd <sup>2</sup>
BC-2	10/07/97	24.37	--	18.69	--	nm	nd <sup>2</sup>
BC-2	09/24/08	24.37	--	16.82	--	19.90	nd <sup>2</sup>
BC-2	04/08/09	24.37	--	16.34	--	19.91	nd <sup>2</sup>
BC-2	07/14/09	24.37	--	17.08	--	19.93	nd <sup>2</sup>
BC-2	10/06/09	24.37	--	16.61	--	19.94	nd <sup>2</sup>
BC-3	07/07/92	24.42	--	16.68	--	nm	nd <sup>2</sup>
BC-3	08/04/92	24.42	--	19.24	--	nm	nd <sup>2</sup>
BC-3	08/31/92	24.42	--	19.10	--	nm	nd <sup>2</sup>
BC-3	10/06/92	24.42	--	18.93	--	nm	nd <sup>2</sup>
BC-3	11/06/92	24.42	--	16.81	--	nm	nd <sup>2</sup>
BC-3	01/07/93	24.42	--	16.55	--	nm	nd <sup>2</sup>
BC-3	04/06/93	24.42	--	15.44	--	nm	nd <sup>2</sup>
BC-3	07/03/93	24.42	--	16.81	--	nm	nd <sup>2</sup>
BC-3	08/04/93	24.42	--	18.82	--	nm	nd <sup>2</sup>
BC-3	09/01/93	24.42	--	18.40	--	nm	nd <sup>2</sup>
BC-3	10/07/93	24.42	--	18.58	--	nm	nd <sup>2</sup>
BC-3	11/02/93	24.42	--	18.53	--	nm	nd <sup>2</sup>
BC-3	12/06/93	24.42	--	18.67	--	nm	nd <sup>2</sup>
BC-3	01/05/94	24.42	--	17.51	--	nm	nd <sup>2</sup>
BC-3	02/02/94	24.42	--	16.40	--	nm	nd <sup>2</sup>
BC-3	03/02/94	24.42	--	15.00	--	nm	nd <sup>2</sup>
BC-3	04/07/94	24.42	--	17.70	--	nm	nd <sup>2</sup>
BC-3	05/05/94	24.42	--	17.90	--	nm	nd <sup>2</sup>
BC-3	06/07/94	24.42	--	17.34	--	nm	nd <sup>2</sup>
BC-3	07/13/94	24.42	--	18.10	--	nm	nd <sup>2</sup>
BC-3	08/03/94	24.42	--	18.36	--	nm	nd <sup>2</sup>
BC-3	09/14/94	24.42	--	18.31	--	nm	nd <sup>2</sup>
BC-3	10/06/94	24.42	--	18.58	--	nm	nd <sup>2</sup>
BC-3	11/02/94	24.42	--	18.61	--	nm	nd <sup>2</sup>
BC-3	12/07/94	24.42	--	16.29	--	nm	nd <sup>2</sup>
BC-3	01/13/95	24.42	--	15.40	--	nm	nd <sup>2</sup>
BC-3	02/14/95	24.42	--	15.86	--	nm	nd <sup>2</sup>
BC-3	03/07/95	24.42	--	16.21	--	nm	nd <sup>2</sup>
BC-3	04/11/95	24.42	--	15.08	--	nm	nd <sup>2</sup>

**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
BC-3	05/09/95	24.42	--	16.92	--	nm	nd <sup>2</sup>
BC-3	06/09/95	24.42	--	16.90	--	nm	nd <sup>2</sup>
BC-3	07/06/95	24.42	--	16.87	--	nm	nd <sup>2</sup>
BC-3	08/10/95	24.42	--	17.54	--	nm	nd <sup>2</sup>
BC-3	09/07/95	24.42	--	17.80	--	nm	nd <sup>2</sup>
BC-3	10/03/95	24.42	--	17.95	--	nm	nd <sup>2</sup>
BC-3	10/05/95	24.42	--	17.95	--	nm	nd <sup>2</sup>
BC-3	11/02/95	24.42	--	18.33	--	nm	nd <sup>2</sup>
BC-3	01/03/96	24.42	--	17.55	--	nm	nd <sup>2</sup>
BC-3	02/06/96	24.42	--	17.15	--	nm	nd <sup>2</sup>
BC-3	03/12/96	24.42	--	16.50	--	nm	nd <sup>2</sup>
BC-3	04/09/96	24.42	--	16.60	--	nm	nd <sup>2</sup>
BC-3	05/07/96	24.42	--	16.90	--	nm	nd <sup>2</sup>
BC-3	06/05/96	24.42	--	17.00	--	nm	nd <sup>2</sup>
BC-3	07/09/96	24.42	--	17.40	--	nm	nd <sup>2</sup>
BC-3	10/08/96	24.42	--	18.10	--	nm	nd <sup>2</sup>
BC-3	11/08/96	24.42	--	18.20	--	nm	nd <sup>2</sup>
BC-3	12/13/96	24.42	--	17.60	--	nm	nd <sup>2</sup>
BC-3	09/24/08	24.42	--	17.01	--	20.11	nd <sup>2</sup>
BC-3	04/08/09	24.42	--	14.93	--	20.15	nd <sup>2</sup>
BC-3	07/14/09	24.42	--	16.10	--	20.16	nd <sup>2</sup>
BC-3	10/06/09	24.42	--	16.66	--	20.16	nd <sup>2</sup>
ES-1	01/16/97	24.11	--	16.79	--	nm	7.32
ES-1	02/14/97	24.11	--	16.53	--	nm	7.58
ES-1	03/07/97	24.11	--	17.01	--	nm	7.10
ES-1	04/17/97	24.11	--	18.13	--	nm	5.98
ES-1	07/15/97	24.11	--	18.44	--	nm	5.67
ES-1	10/07/97	24.11	18.36	18.37	0.01	nm	5.75
ES-1	09/24/08	24.11	--	16.46	--	30.13	7.65
ES-1	04/08/09	24.11	--	14.75	--	30.15	9.36
ES-1	07/14/09	24.11	--	15.67	--	30.08	8.44
ES-1	10/06/09	24.11	--	16.10	--	30.15	8.01
ES-2	06/16/92	24.66	18.63	18.64	0.01	nm	6.03
ES-2	07/07/92	24.66	--	19.62	--	nm	5.04
ES-2	08/04/92	24.66	19.17	19.76	0.59	nm	5.38
ES-2	08/31/92	24.66	19.29	19.90	0.61	nm	5.25
ES-2	10/06/92	24.66	19.41	20.00	0.59	nm	5.14
ES-2	11/06/92	24.66	18.84	19.44	0.60	nm	5.71
ES-2	01/07/93	24.66	20.05	20.40	0.35	nm	4.54
ES-2	04/06/93	24.66	18.20	18.31	0.11	nm	6.44
ES-2	07/03/93	24.66	19.31	19.32	0.01	nm	5.35
ES-2	08/04/93	24.66	19.15	19.18	0.03	nm	5.50
ES-2	09/01/93	24.66	19.50	19.59	0.09	nm	5.14
ES-2	10/07/93	24.66	19.57	19.60	0.03	nm	5.08
ES-2	11/02/93	24.66	19.60	19.61	0.01	nm	5.06
ES-2	12/06/93	24.66	19.71	19.74	0.03	nm	4.94
ES-2	01/05/94	24.66	19.57	19.61	0.04	nm	5.08
ES-2	02/02/94	24.66	19.20	19.25	0.05	nm	5.45
ES-2	03/02/94	24.66	19.00	19.50	0.50	nm	5.57
ES-2	04/07/94	24.66	19.10	19.19	0.09	nm	5.54
ES-2	05/05/94	24.66	18.77	18.79	0.02	nm	5.89
ES-2	06/07/94	24.66	--	18.61	--	nm	6.05
ES-2	07/13/94	24.66	--	18.78	--	nm	5.88
ES-2	08/03/94	24.66	--	18.72	--	nm	5.94
ES-2	09/14/94	24.66	19.10	19.14	0.04	nm	5.55
ES-2	10/06/94	24.66	--	18.86	--	nm	5.80
ES-2	11/02/94	24.66	18.97	19.91	0.94	nm	5.51
ES-2	12/07/94	24.66	--	18.14	--	nm	6.52
ES-2	01/13/95	24.66	--	18.86	--	nm	5.80
ES-2	02/14/95	24.66	--	16.92	--	nm	7.74
ES-2	03/07/95	24.66	--	17.25	--	nm	7.41
ES-2	04/11/95	24.66	--	16.71	--	nm	7.95
ES-2	05/09/95	24.66	--	17.15	--	nm	7.51
ES-2	06/09/95	24.66	17.60	17.61	0.01	nm	7.06
ES-2	07/06/95	24.66	17.78	17.79	0.01	nm	6.88
ES-2	08/10/95	24.66	18.09	18.10	0.01	nm	6.57
ES-2	09/07/95	24.66	--	18.29	--	nm	6.37
ES-2	10/03/95	24.66	18.45	18.48	0.03	nm	6.20
ES-2	10/05/95	24.66	18.45	18.48	0.03	nm	6.20
ES-2	11/02/95	24.66	18.62	18.65	0.03	nm	6.03

**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-2	12/07/95	24.66	18.85	18.90	0.05	nm	5.80
ES-2	01/03/96	24.66	18.54	18.55	0.01	nm	6.12
ES-2	02/06/96	24.66	--	17.60	--	nm	7.06
ES-2	03/12/96	24.66	--	17.08	--	nm	7.58
ES-2	04/09/96	24.66	--	17.18	--	nm	7.48
ES-2	05/07/96	24.66	--	17.66	--	nm	7.00
ES-2	06/05/96	24.66	--	17.66	--	nm	7.00
ES-2	07/09/96	24.66	--	18.02	--	nm	6.64
ES-2	09/05/96	24.66	--	18.39	--	nm	6.27
ES-2	10/08/96	24.66	--	18.61	--	nm	6.05
ES-2	11/08/96	24.66	--	18.78	--	nm	5.88
ES-2	12/13/96	24.66	--	18.43	--	nm	6.23
ES-2	01/16/97	24.66	--	17.57	--	nm	7.09
ES-2	02/14/97	24.66	--	17.08	--	nm	7.58
ES-2	03/07/97	24.66	--	17.56	--	nm	7.10
ES-2	04/17/97	24.66	--	18.11	--	nm	6.55
ES-2	07/15/97	24.66	--	18.97	--	nm	5.69
ES-2	10/07/97	24.66	--	18.87	--	nm	5.79
ES-2	09/24/08	24.66	--	16.96	--	30.19	7.70
ES-2	04/08/09	24.66	--	15.25	--	31.15	9.41
ES-2	07/14/09	24.66	--	16.07	--	30.16	8.59
ES-2	10/06/09	24.66	--	16.57	--	30.15	8.09
ES-3	06/16/92	24.93	--	19.41	--	nm	5.52
ES-3	07/07/92	24.93	--	19.52	--	nm	5.41
ES-3	08/04/92	24.93	--	19.68	--	nm	5.25
ES-3	08/31/92	24.93	--	19.80	--	nm	5.13
ES-3	10/06/92	24.93	--	19.96	--	nm	4.97
ES-3	11/06/92	24.93	18.84	19.84	1.00	nm	5.90
ES-3	01/07/93	24.93	--	19.20	--	nm	5.73
ES-3	04/06/93	24.93	--	15.92	--	nm	9.01
ES-3	07/03/93	24.93	--	18.12	--	nm	6.81
ES-3	08/04/93	24.93	--	19.18	--	nm	5.75
ES-3	09/01/93	24.93	--	19.36	--	nm	5.57
ES-3	10/07/93	24.93	--	19.62	--	nm	5.31
ES-3	11/02/93	24.93	--	19.70	--	nm	5.23
ES-3	12/06/93	24.93	--	19.68	--	nm	5.25
ES-3	01/05/94	24.93	--	19.52	--	nm	5.41
ES-3	02/02/94	24.93	--	19.30	--	nm	5.63
ES-3	03/02/94	24.93	--	18.68	--	nm	6.25
ES-3	04/07/94	24.93	--	19.00	--	nm	5.93
ES-3	05/05/94	24.93	--	18.78	--	nm	6.15
ES-3	06/07/94	24.93	--	18.90	--	nm	6.03
ES-3	07/13/94	24.93	--	18.71	--	nm	6.22
ES-3	08/03/94	24.93	--	19.03	--	nm	5.90
ES-3	09/14/94	24.93	--	19.84	--	nm	5.09
ES-3	10/06/94	24.93	--	19.24	--	nm	5.69
ES-3	11/02/94	24.93	--	19.37	--	nm	5.56
ES-3	12/07/94	24.93	--	18.44	--	nm	6.49
ES-3	01/13/95	24.93	--	17.35	--	nm	7.58
ES-3	02/14/95	24.93	--	17.22	--	nm	7.71
ES-3	03/07/95	24.93	--	17.52	--	nm	7.41
ES-3	04/11/95	24.93	--	16.95	--	nm	7.98
ES-3	05/09/95	24.93	17.34	17.39	0.05	nm	7.58
ES-3	06/09/95	24.93	--	17.87	--	nm	7.06
ES-3	07/06/95	24.93	--	18.07	--	nm	6.86
ES-3	08/10/95	24.93	--	18.40	--	nm	6.53
ES-3	09/07/95	24.93	--	18.59	--	nm	6.34
ES-3	10/03/95	24.93	--	18.76	--	nm	6.17
ES-3	10/05/95	24.93	--	18.76	--	nm	6.17
ES-3	11/02/95	24.93	--	18.96	--	nm	5.97
ES-3	12/07/95	24.93	--	19.19	--	nm	5.74
ES-3	01/03/96	24.93	--	17.55	--	nm	7.38
ES-3	02/06/96	24.93	--	17.86	--	nm	7.07
ES-3	03/12/96	24.93	--	17.35	--	nm	7.58
ES-3	04/09/96	24.93	--	17.65	--	nm	7.28
ES-3	05/07/96	24.93	--	17.94	--	nm	6.99
ES-3	06/05/96	24.93	--	17.94	--	nm	6.99
ES-3	07/09/96	24.93	--	18.33	--	nm	6.60
ES-3	09/05/96	24.93	--	18.63	--	nm	6.30
ES-3	10/08/96	24.93	--	18.98	--	nm	5.95
ES-3	11/08/96	24.93	--	19.16	--	nm	5.77
ES-3	12/13/96	24.93	--	18.81	--	nm	6.12
ES-3	01/16/97	24.93	--	17.72	--	nm	7.21
ES-3	02/14/97	24.93	--	17.47	--	nm	7.46
ES-3	03/07/97	24.93	--	17.90	--	nm	7.03

**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-3	04/17/97	24.93	--	18.42	--	nm	6.51
ES-3	07/15/97	24.93	--	19.01	--	nm	5.92
ES-3	10/07/97	24.93	--	19.18	--	nm	5.75
ES-3	09/24/08	24.93	--	17.38	--	31.44	7.55
ES-3	04/08/09	24.93	--	15.65	--	31.55	9.28
ES-3	07/14/09	24.93	--	16.54	--	31.51	8.39
ES-3	10/06/09	24.93	--	17.06	--	31.56	7.87
ES-4	06/16/92	23.93	18.63	18.98	0.35	nm	5.23
ES-4	07/07/92	23.93	--	18.51	--	nm	5.42
ES-4	08/04/92	23.93	--	18.66	--	nm	5.27
ES-4	08/31/92	23.93	--	18.79	--	nm	5.14
ES-4	10/06/92	23.93	--	18.92	--	nm	5.01
ES-4	11/06/92	23.93	--	18.94	--	nm	4.99
ES-4	01/07/93	23.93	--	18.76	--	nm	5.17
ES-4	04/06/93	23.93	--	17.26	--	nm	6.67
ES-4	07/03/93	23.93	--	18.08	--	nm	5.85
ES-4	08/04/93	23.93	--	18.16	--	nm	5.77
ES-4	09/01/93	23.93	--	18.46	--	nm	5.47
ES-4	10/07/93	23.93	--	18.62	--	nm	5.31
ES-4	11/02/93	23.93	--	18.74	--	nm	5.19
ES-4	12/06/93	23.93	--	18.72	--	nm	5.21
ES-4	01/05/94	23.93	--	18.55	--	nm	5.38
ES-4	02/02/94	23.93	--	18.42	--	nm	5.51
ES-4	03/02/94	23.93	--	17.86	--	nm	6.07
ES-4	04/07/94	23.93	--	18.80	--	nm	5.13
ES-4	05/05/94	23.93	--	17.86	--	nm	6.07
ES-4	06/07/94	23.93	--	17.94	--	nm	5.99
ES-4	07/13/94	23.93	--	18.13	--	nm	5.80
ES-4	08/03/94	23.93	--	17.94	--	nm	5.99
ES-4	09/14/94	23.93	--	18.18	--	nm	5.75
ES-4	10/06/94	23.93	--	18.25	--	nm	5.68
ES-4	11/02/94	23.93	--	18.35	--	nm	5.58
ES-4	12/07/94	23.93	--	17.56	--	nm	6.37
ES-4	01/13/95	23.93	--	16.77	--	nm	7.16
ES-4	02/14/95	23.93	--	16.37	--	nm	7.56
ES-4	03/07/95	23.93	--	16.66	--	nm	7.27
ES-4	04/11/95	23.93	--	16.14	--	nm	7.79
ES-4	05/09/95	23.93	--	16.57	--	nm	7.36
ES-4	06/09/95	23.93	--	17.02	--	nm	6.91
ES-4	07/06/95	23.93	--	17.19	--	nm	6.74
ES-4	08/10/95	23.93	--	17.84	--	nm	6.09
ES-4	09/07/95	23.93	--	17.68	--	nm	6.25
ES-4	10/03/95	23.93	--	17.84	--	nm	6.09
ES-4	10/05/95	23.93	--	17.84	--	nm	6.09
ES-4	11/02/95	23.93	--	18.02	--	nm	5.91
ES-4	12/07/95	23.93	--	18.23	--	nm	5.70
ES-4	01/03/96	23.93	--	17.87	--	nm	6.06
ES-4	02/06/96	23.93	--	17.02	--	nm	6.91
ES-4	03/12/96	23.93	--	16.54	--	nm	7.39
ES-4	04/09/96	23.93	--	16.76	--	nm	7.17
ES-4	05/07/96	23.93	--	16.17	--	nm	7.76
ES-4	06/05/96	23.93	--	17.05	--	nm	6.88
ES-4	07/09/96	23.93	--	17.37	--	nm	6.56
ES-4	09/05/96	23.93	--	17.74	--	nm	6.19
ES-4	10/08/96	23.93	--	17.97	--	nm	5.96
ES-4	11/08/96	23.93	--	18.13	--	nm	5.80
ES-4	12/13/96	23.93	--	17.83	--	nm	6.10
ES-4	01/16/97	23.93	--	16.92	--	nm	7.01
ES-4	02/14/97	23.93	--	16.56	--	nm	7.37
ES-4	03/07/97	23.93	--	16.95	--	nm	6.98
ES-4	04/17/97	23.93	--	17.45	--	nm	6.48
ES-4	07/15/97	23.93	--	18.05	--	nm	5.88
ES-4	10/07/97	23.93	--	18.23	--	nm	5.70
ES-4	09/24/08	23.93	--	16.20	--	29.94	7.73
ES-4	04/08/09	23.93	--	14.46	--	29.95	9.47
ES-4	07/14/09	23.93	--	15.29	--	29.96	8.64
ES-4	10/06/09	23.93	--	15.80	--	29.94	8.13
ES-5	06/16/92	24.08	18.40	20.40	2.00	nm	5.30
ES-5	07/07/92	24.08	--	20.23	--	nm	3.85
ES-5	08/04/92	24.08	18.16	20.43	2.27	nm	5.49
ES-5	08/31/92	24.08	18.24	20.80	2.56	nm	5.35
ES-5	10/06/92	24.08	18.24	21.37	3.13	nm	5.25
ES-5	11/06/92	24.08	17.60	20.92	3.32	nm	5.85

**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-5	01/05/93	24.08	18.42	19.75	1.33	nm	5.41
ES-5	01/07/93	24.08	19.35	22.00	2.65	nm	4.23
ES-5	04/06/93	24.08	--	17.28	--	nm	6.80
ES-5	07/03/93	24.08	--	19.50	--	nm	4.58
ES-5	08/04/93	24.08	--	18.61	--	nm	5.47
ES-5	09/01/93	24.08	18.79	18.80	0.01	nm	5.29
ES-5	10/07/93	24.08	18.65	19.33	0.68	nm	5.30
ES-5	11/02/93	24.08	18.91	19.45	0.54	nm	5.07
ES-5	12/06/93	24.08	18.78	19.25	0.47	nm	5.21
ES-5	02/02/94	24.08	18.18	19.98	1.80	nm	5.56
ES-5	03/02/94	24.08	18.07	18.30	0.23	nm	5.97
ES-5	04/07/94	24.08	18.37	18.38	0.01	nm	5.71
ES-5	05/05/94	24.08	18.24	18.26	0.02	nm	5.84
ES-5	06/07/94	24.08	18.26	18.27	0.01	nm	5.82
ES-5	07/13/94	24.08	--	18.30	--	nm	5.78
ES-5	08/03/94	24.08	--	17.90	--	nm	6.18
ES-5	09/14/94	24.08	18.41	18.42	0.01	nm	5.67
ES-5	10/06/94	24.08	--	18.23	--	nm	5.85
ES-5	11/02/94	24.08	--	18.47	--	nm	5.61
ES-5	12/07/94	24.08	--	17.45	--	nm	6.63
ES-5	01/13/95	24.08	--	18.23	--	nm	5.85
ES-5	02/14/95	24.08	--	16.45	--	nm	7.63
ES-5	03/07/95	24.08	--	16.53	--	nm	7.55
ES-5	04/11/95	24.08	--	16.00	--	nm	8.08
ES-5	05/09/95	24.08	--	16.45	--	nm	7.63
ES-5	06/09/95	24.08	--	16.90	--	nm	7.18
ES-5	07/06/95	24.08	--	17.09	--	nm	6.99
ES-5	08/10/95	24.08	--	17.44	--	nm	6.64
ES-5	09/07/95	24.08	--	17.61	--	nm	6.47
ES-5	10/03/95	24.08	--	18.74	--	nm	5.34
ES-5	10/05/95	24.08	--	18.74	--	nm	5.34
ES-5	11/02/95	24.08	--	17.98	--	nm	6.10
ES-5	12/07/95	24.08	18.21	18.22	0.01	nm	5.87
ES-5	01/03/96	24.08	--	17.89	--	nm	6.19
ES-5	02/06/96	24.08	--	16.76	--	nm	7.32
ES-5	03/12/96	24.08	--	16.36	--	nm	7.72
ES-5	04/09/96	24.08	--	16.70	--	nm	7.38
ES-5	05/07/96	24.08	--	16.95	--	nm	7.13
ES-5	06/05/96	24.08	--	16.95	--	nm	7.13
ES-5	07/09/96	24.08	--	17.34	--	nm	6.74
ES-5	01/16/97	24.08	--	16.68	--	nm	7.40
ES-5	02/14/97	24.08	--	16.43	--	nm	7.65
ES-5	03/07/97	24.08	--	16.90	--	nm	7.18
ES-5	04/17/97	24.08	--	17.41	--	nm	6.67
ES-5	07/15/97	24.08	--	18.29	--	nm	5.79
ES-5	10/07/97	24.08	--	18.48	--	nm	5.60
ES-5	0924/08	24.08	--	16.49	--	30.06	7.59
ES-5	04/08/09	24.08	--	14.75	--	30.13	9.33
ES-5	07/15/09	24.08	--	15.61	--	30.08	8.47
ES-5	10/06/09	24.08	--	16.12	--	30.08	7.96
ES-6	01/05/93	27.06	--	21.76	--	nm	5.30
ES-6	09/01/93	27.06	--	21.94	--	nm	5.12
ES-6	10/07/93	27.06	--	21.81	--	nm	5.25
ES-6	11/02/93	27.06	--	21.91	--	nm	5.15
ES-6	12/06/93	27.06	--	21.90	--	nm	5.16
ES-6	02/02/94	27.06	--	21.74	--	nm	5.32
ES-6	03/02/94	27.06	--	21.10	--	nm	5.96
ES-6	04/07/94	27.06	--	21.30	--	nm	5.76
ES-6	05/05/94	27.06	--	21.16	--	nm	5.90
ES-6	06/07/94	27.06	--	21.02	--	nm	6.04
ES-6	07/13/94	27.06	--	21.40	--	nm	5.66
ES-6	08/03/94	27.06	--	21.58	--	nm	5.48
ES-6	09/14/94	27.06	--	21.52	--	nm	5.54
ES-6	10/06/94	27.06	--	21.58	--	nm	5.48
ES-6	11/02/94	27.06	--	21.64	--	nm	5.42
ES-6	12/07/94	27.06	--	20.94	--	nm	6.12
ES-6	01/13/95	27.06	--	20.25	--	nm	6.81
ES-6	02/14/95	27.06	--	19.82	--	nm	7.24
ES-6	03/07/95	27.06	--	20.06	--	nm	7.00
ES-6	04/11/95	27.06	--	19.56	--	nm	7.50
ES-6	05/09/95	27.06	nd <sup>4</sup>	nd <sup>4</sup>	nd <sup>4</sup>	nm	nd <sup>4</sup>
ES-6	06/09/95	27.06	--	20.37	--	nm	6.69
ES-6	07/06/95	27.06	--	20.55	--	nm	6.51
ES-6	08/10/95	27.06	--	20.81	--	nm	6.25
ES-6	09/07/95	27.06	--	20.94	--	nm	6.12

**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-6	10/03/95	27.06	--	21.14	--	nm	5.92
ES-6	10/05/95	27.06	--	21.14	--	nm	5.92
ES-6	11/02/95	27.06	--	21.31	--	nm	5.75
ES-6	12/07/95	27.06	--	21.48	--	nm	5.58
ES-6	01/03/96	27.06	--	21.24	--	nm	5.82
ES-6	02/06/96	27.06	--	20.52	--	nm	6.54
ES-6	03/12/96	27.06	--	19.85	--	nm	7.21
ES-6	04/09/96	27.06	--	20.14	--	nm	6.92
ES-6	05/07/96	27.06	--	20.42	--	nm	6.64
ES-6	06/05/96	27.06	--	20.41	--	nm	6.65
ES-6	07/09/96	27.06	--	20.74	--	nm	6.32
ES-6	10/08/96	27.06	--	21.23	--	nm	5.83
ES-6	11/08/96	27.06	--	21.44	--	nm	5.62
ES-6	12/13/96	27.06	--	21.19	--	nm	5.87
ES-6	01/16/97	27.06	--	20.15	--	nm	6.91
ES-6	02/14/97	27.06	--	19.92	--	nm	7.14
ES-6	03/07/97	27.06	--	20.31	--	nm	6.75
ES-6	04/17/97	27.06	--	20.78	--	nm	6.28
ES-6	07/15/97	27.06	--	21.32	--	nm	5.74
ES-6	10/07/97	27.06	--	21.48	--	nm	5.58
ES-6	09/24/08	27.06	--	19.02	--	34.98	8.04
ES-6	04/08/09	27.06	--	17.39	--	35.00	9.67
ES-6	07/14/09	27.06	--	18.13	--	35.03	8.93
ES-6	10/06/09	27.06	--	18.52	--	35.00	8.54
ES-7	01/05/93	25.66	--	19.90	--	nm	5.76
ES-7	09/01/93	25.66	--	19.71	--	nm	5.95
ES-7	10/07/93	25.66	--	19.99	--	nm	5.67
ES-7	11/02/93	25.66	--	20.12	--	nm	5.54
ES-7	12/06/93	25.66	--	20.15	--	nm	5.51
ES-7	02/02/94	25.66	--	19.79	--	nm	5.87
ES-7	03/02/94	25.66	--	19.14	--	nm	6.52
ES-7	04/07/94	25.66	--	19.44	--	nm	6.22
ES-7	05/05/94	25.66	--	19.30	--	nm	6.36
ES-7	06/07/94	25.66	--	19.33	--	nm	6.33
ES-7	07/13/94	25.66	--	19.11	--	nm	6.55
ES-7	08/03/94	25.66	--	19.40	--	nm	6.26
ES-7	09/14/94	25.66	--	19.64	--	nm	6.02
ES-7	10/06/94	25.66	--	19.73	--	nm	5.93
ES-7	11/02/94	25.66	--	19.79	--	nm	5.87
ES-7	12/07/94	25.66	--	19.89	--	nm	5.77
ES-7	01/13/95	25.66	--	18.11	--	nm	7.55
ES-7	02/14/95	25.66	--	17.63	--	nm	8.03
ES-7	03/07/95	25.66	--	17.92	--	nm	7.74
ES-7	04/11/95	25.66	--	17.35	--	nm	8.31
ES-7	05/09/95	25.66	--	17.79	--	nm	7.87
ES-7	06/09/95	25.66	--	18.29	--	nm	7.37
ES-7	07/06/95	25.66	--	18.46	--	nm	7.20
ES-7	08/10/95	25.66	--	18.77	--	nm	6.89
ES-7	09/07/95	25.66	--	18.98	--	nm	6.68
ES-7	10/03/95	25.66	--	19.15	--	nm	6.51
ES-7	10/05/95	25.66	--	19.15	--	nm	6.51
ES-7	11/02/95	25.66	--	19.36	--	nm	6.30
ES-7	12/07/95	25.66	--	19.57	--	nm	6.09
ES-7	01/03/96	25.66	--	19.29	--	nm	6.37
ES-7	02/06/96	25.66	--	18.41	--	nm	7.25
ES-7	03/12/96	25.66	--	17.76	--	nm	7.90
ES-7	04/09/96	25.66	--	18.05	--	nm	7.61
ES-7	05/07/96	25.66	--	18.36	--	nm	7.30
ES-7	06/05/96	25.66	--	18.36	--	nm	7.30
ES-7	07/09/96	25.66	--	18.72	--	nm	6.94
ES-7	09/05/96	25.66	--	19.12	--	nm	6.54
ES-7	10/08/96	25.66	--	19.37	--	nm	6.29
ES-7	11/08/96	25.66	--	19.56	--	nm	6.10
ES-7	12/13/96	25.66	--	19.28	--	nm	6.38
ES-7	01/16/97	25.66	--	18.19	--	nm	7.47
ES-7	02/14/97	25.66	--	17.88	--	nm	7.78
ES-7	03/07/97	25.66	--	18.30	--	nm	7.36
ES-7	04/17/97	25.66	--	18.81	--	nm	6.85
ES-7	09/24/08	25.66	--	18.20	--	31.28	7.46
ES-7	04/08/09	25.66	--	16.52	--	31.29	9.14
ES-7	07/14/09	25.66	--	17.36	--	31.30	8.30
ES-7	10/06/09	25.66	--	17.90	--	31.72	7.76
ES-8	09/01/93	24.74	--	18.88	--	nm	5.86
ES-8	10/07/93	24.74	--	19.13	--	nm	5.61



**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-8	11/02/93	24.74	--	19.26	--	nm	5.48
ES-8	12/06/93	24.74	--	19.24	--	nm	5.50
ES-8	01/05/94	24.74	--	19.10	--	nm	5.64
ES-8	02/02/94	24.74	--	19.08	--	nm	5.66
ES-8	03/02/94	24.74	--	18.28	--	nm	6.46
ES-8	04/07/94	24.74	--	18.44	--	nm	6.30
ES-8	05/05/94	24.74	--	18.26	--	nm	6.48
ES-8	06/07/94	24.74	--	18.32	--	nm	6.42
ES-8	07/13/94	24.74	--	18.50	--	nm	6.24
ES-8	08/03/94	24.74	--	18.42	--	nm	6.32
ES-8	09/14/94	24.74	--	18.50	--	nm	6.24
ES-8	10/06/94	24.74	--	18.76	--	nm	5.98
ES-8	11/02/94	24.74	--	18.76	--	nm	5.98
ES-8	12/07/94	24.74	--	18.00	--	nm	6.74
ES-8	01/13/95	24.74	--	16.83	--	nm	7.91
ES-8	02/14/95	24.74	--	16.67	--	nm	8.07
ES-8	03/07/95	24.74	--	16.99	--	nm	7.75
ES-8	04/11/95	24.74	--	16.41	--	nm	8.33
ES-8	05/09/95	24.74	--	16.92	--	nm	7.82
ES-8	06/09/95	24.74	--	17.35	--	nm	7.39
ES-8	07/06/95	24.74	--	17.56	--	nm	7.18
ES-8	08/10/95	24.74	--	17.89	--	nm	6.85
ES-8	09/07/95	24.74	--	18.09	--	nm	6.65
ES-8	10/03/95	24.74	--	18.27	--	nm	6.47
ES-8	10/05/95	24.74	--	18.27	--	nm	6.47
ES-8	11/02/95	24.74	--	18.51	--	nm	6.23
ES-8	12/07/95	24.74	--	18.72	--	nm	6.02
ES-8	01/03/96	24.74	--	18.36	--	nm	6.38
ES-8	02/06/96	24.74	--	17.07	--	nm	7.67
ES-8	03/12/96	24.74	--	16.79	--	nm	7.95
ES-8	04/09/96	24.74	--	17.10	--	nm	7.64
ES-8	05/07/96	24.74	--	17.34	--	nm	7.40
ES-8	06/05/96	24.74	--	17.36	--	nm	7.38
ES-8	07/09/96	24.74	--	17.71	--	nm	7.03
ES-8	09/05/96	24.74	--	18.13	--	nm	6.61
ES-8	10/08/96	24.74	--	18.44	--	nm	6.30
ES-8	11/08/96	24.74	--	18.61	--	nm	6.13
ES-8	12/13/96	24.74	--	18.32	--	nm	6.42
ES-8	01/16/97	24.74	--	17.22	--	nm	7.52
ES-8	02/14/97	24.74	--	16.94	--	nm	7.80
ES-8	03/07/97	24.74	--	17.36	--	nm	7.38
ES-8	09/24/08	24.74	--	17.35	--	28.94	7.39
ES-8	04/08/09	24.74	--	15.64	--	28.80	9.10
ES-8	07/14/09	24.74	--	16.49	--	28.85	8.25
ES-8	10/06/09	24.74	--	17.03	--	29.16	7.71
ES-9	09/01/93	23.33	--	19.74	--	nm	3.59
ES-9	10/07/93	23.33	--	17.90	--	nm	5.43
ES-9	12/06/93	23.33	--	18.00	--	nm	5.33
ES-9	01/05/94	23.33	--	17.80	--	nm	5.53
ES-9	02/02/94	23.33	--	17.02	--	nm	6.31
ES-9	03/02/94	23.33	--	17.12	--	nm	6.21
ES-9	04/07/94	23.33	--	17.24	--	nm	6.09
ES-9	05/05/94	23.33	--	17.04	--	nm	6.29
ES-9	06/07/94	23.33	--	17.06	--	nm	6.27
ES-9	07/13/94	23.33	--	17.40	--	nm	5.93
ES-9	08/03/94	23.33	--	17.10	--	nm	6.23
ES-9	09/14/94	23.33	--	17.09	--	nm	6.24
ES-9	10/06/94	23.33	--	17.46	--	nm	5.87
ES-9	11/02/94	23.33	--	17.55	--	nm	5.78
ES-9	12/07/94	23.33	--	16.79	--	nm	6.54
ES-9	01/13/95	23.33	--	15.80	--	nm	7.53
ES-9	02/14/95	23.33	--	15.49	--	nm	7.84
ES-9	03/07/95	23.33	--	15.79	--	nm	7.54
ES-9	04/11/95	23.33	--	15.23	--	nm	8.10
ES-9	05/09/95	23.33	--	15.72	--	nm	7.61
ES-9	06/09/95	23.33	--	16.13	--	nm	7.20
ES-9	07/06/95	23.33	--	16.34	--	nm	6.99
ES-9	08/10/95	23.33	--	16.67	--	nm	6.66
ES-9	09/07/95	23.33	--	16.87	--	nm	6.46
ES-9	10/03/95	23.33	--	17.09	--	nm	6.24
ES-9	10/05/95	23.33	--	17.09	--	nm	6.24
ES-9	11/02/95	23.33	--	17.30	--	nm	6.03
ES-9	12/07/95	23.33	--	17.48	--	nm	5.85
ES-9	01/03/96	23.33	--	17.12	--	nm	6.21
ES-9	02/06/96	23.33	--	16.00	--	nm	7.33

**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-9	03/12/96	23.33	--	15.63	--	nm	7.70
ES-9	04/09/96	23.33	--	15.92	--	nm	7.41
ES-9	05/07/96	23.33	--	16.17	--	nm	7.16
ES-9	06/05/96	23.33	--	16.19	--	nm	7.14
ES-9	07/09/96	23.33	--	16.52	--	nm	6.81
ES-9	09/05/96	23.33	--	16.92	--	nm	6.41
ES-9	10/08/96	23.33	--	17.19	--	nm	6.14
ES-9	11/08/96	23.33	--	17.37	--	nm	5.96
ES-9	12/13/96	23.33	--	17.09	--	nm	6.24
ES-9	01/16/97	23.33	--	15.99	--	nm	7.34
ES-9	02/14/97	23.33	--	15.71	--	nm	7.62
ES-9	03/07/97	23.33	--	16.12	--	nm	7.21
ES-9	04/17/97	23.33	--	16.66	--	nm	6.67
ES-9	09/24/08	23.33	--	15.88	--	34.91	7.45
ES-9	04/08/09	23.33	--	14.14	--	34.97	9.19
ES-9	07/14/09	23.33	--	14.98	--	34.94	8.35
ES-9	10/06/09	23.33	--	15.52	--	34.91	7.81
ES-10	09/01/93	95.24	--	18.04	--	nm	77.20
ES-10	10/07/93	95.24	--	17.40	--	nm	77.84
ES-10	11/02/93	95.24	--	17.46	--	nm	77.78
ES-10	12/06/93	95.24	--	17.44	--	nm	77.80
ES-10	01/05/94	95.24	--	17.27	--	nm	77.97
ES-10	02/02/94	95.24	--	17.25	--	nm	77.99
ES-10	03/02/94	95.24	--	16.61	--	nm	78.63
ES-10	04/07/94	95.24	--	16.74	--	nm	78.50
ES-10	05/05/94	95.24	--	16.55	--	nm	78.69
ES-10	06/07/94	95.24	--	17.50	--	nm	77.74
ES-10	07/13/94	95.24	--	16.10	--	nm	79.14
ES-10	08/03/94	95.24	--	16.20	--	nm	79.04
ES-10	09/14/94	95.24	--	16.48	--	nm	78.76
ES-10	10/06/94	95.24	--	16.96	--	nm	78.28
ES-10	11/02/94	95.24	--	17.05	--	nm	78.19
ES-10	12/07/94	95.24	--	16.29	--	nm	78.95
ES-10	01/13/95	95.24	--	15.42	--	nm	79.82
ES-10	02/14/95	95.24	--	15.05	--	nm	80.19
ES-10	03/07/95	95.24	--	15.34	--	nm	79.90
ES-10	04/11/95	95.24	--	14.82	--	nm	80.42
ES-10	05/09/95	95.24	--	15.26	--	nm	79.98
ES-10	06/09/95	95.24	--	15.70	--	nm	79.54
ES-10	07/06/95	95.24	--	15.89	--	nm	79.35
ES-10	08/10/95	95.24	--	16.21	--	nm	79.03
ES-10	09/07/95	95.24	--	16.42	--	nm	78.82
ES-10	10/03/95	95.24	--	16.59	--	nm	78.65
ES-10	10/05/95	95.24	--	16.59	--	nm	78.65
ES-10	11/02/95	95.24	--	16.77	--	nm	78.47
ES-10	12/07/95	95.24	--	16.97	--	nm	78.27
ES-10	01/03/96	95.24	--	16.61	--	nm	78.63
ES-10	02/06/96	95.24	--	15.71	--	nm	79.53
ES-10	03/12/96	95.24	--	17.35	--	nm	77.89
ES-10	04/09/96	95.24	--	15.44	--	nm	79.80
ES-10	05/07/96	95.24	--	15.75	--	nm	79.49
ES-10	06/05/96	95.24	--	17.75	--	nm	77.49
ES-10	07/09/96	95.24	--	18.04	--	nm	77.20
ES-10	09/05/96	95.24	--	16.45	--	nm	78.79
ES-10	10/08/96	95.24	--	16.70	--	nm	78.54
ES-10	11/08/96	95.24	--	16.87	--	nm	78.37
ES-10	12/13/96	95.24	--	16.55	--	nm	78.69
ES-10	01/16/97	95.24	--	15.49	--	nm	79.75
ES-10	02/14/97	95.24	--	15.23	--	nm	80.01
ES-10	03/07/97	95.24	--	15.67	--	nm	79.57
ES-10	04/17/97	95.24	--	16.18	--	nm	79.06
ES-10 <sup>3</sup>	09/24/08	nm	nm	nm	nm	nm	nm
ES-10 <sup>3</sup>	07/14/09	nm	nm	nm	nm	nm	nm
ES-10 <sup>3</sup>	10/06/09	nm	nm	nm	nm	nm	nm
ES-11	09/01/93	24.08	--	18.74	--	nm	5.34
ES-11	10/07/93	24.08	--	18.90	--	nm	5.18
ES-11	11/02/93	24.08	--	19.00	--	nm	5.08
ES-11	12/06/93	24.08	--	19.02	--	nm	5.06
ES-11	01/05/94	24.08	--	18.86	--	nm	5.22
ES-11	02/02/94	24.08	--	18.74	--	nm	5.34
ES-11	03/02/94	24.08	--	18.14	--	nm	5.94
ES-11	04/07/94	24.08	--	18.38	--	nm	5.70

**Table 2b - Cumulative Summary of Groundwater Level Measurements**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Ave.**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Well No.	Date	Elevation to Top of Casing (feet MSL) <sup>1</sup>	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-11	05/05/94	24.08	--	18.15	--	nm	5.93
ES-11	06/07/94	24.08	--	18.28	--	nm	5.80
ES-11	07/13/94	24.08	--	18.60	--	nm	5.48
ES-11	08/03/94	24.08	--	18.18	--	nm	5.90
ES-11	09/14/94	24.08	--	18.47	--	nm	5.61
ES-11	10/06/94	24.08	--	18.55	--	nm	5.53
ES-11	11/02/94	24.08	--	18.64	--	nm	5.44
ES-11	12/07/94	24.08	--	17.49	--	nm	6.59
ES-11	01/13/95	24.08	--	17.16	--	nm	6.92
ES-11	02/14/95	24.08	--	16.76	--	nm	7.32
ES-11	03/07/95	24.08	--	17.04	--	nm	7.04
ES-11	04/11/95	24.08	--	16.54	--	nm	7.54
ES-11	05/09/95	24.08	--	16.95	--	nm	7.13
ES-11	06/09/95	24.08	--	17.34	--	nm	6.74
ES-11	07/06/95	24.08	--	17.54	--	nm	6.54
ES-11	08/10/95	24.08	--	17.85	--	nm	6.23
ES-11	09/07/95	24.08	--	18.03	--	nm	6.05
ES-11	10/03/95	24.08	--	18.20	--	nm	5.88
ES-11	10/05/95	24.08	--	18.20	--	nm	5.88
ES-11	11/02/95	24.08	--	18.38	--	nm	5.70
ES-11	12/07/95	24.08	--	18.59	--	nm	5.49
ES-11	01/03/96	24.08	--	18.21	--	nm	5.87
ES-11	02/06/96	24.08	--	17.45	--	nm	6.63
ES-11	03/12/96	24.08	--	16.83	--	nm	7.25
ES-11	04/09/96	24.08	--	17.13	--	nm	6.95
ES-11	05/07/96	24.08	--	17.42	--	nm	6.66
ES-11	06/05/96	24.08	--	17.42	--	nm	6.66
ES-11	07/09/96	24.08	--	17.71	--	nm	6.37
ES-11	09/05/96	24.08	--	18.07	--	nm	6.01
ES-11	10/08/96	24.08	--	18.29	--	nm	5.79
ES-11	11/08/96	24.08	--	18.45	--	nm	5.63
ES-11	12/13/96	24.08	--	18.09	--	nm	5.99
ES-11	01/16/97	24.08	--	17.10	--	nm	6.98
ES-11	02/14/97	24.08	--	16.90	--	nm	7.18
ES-11	03/07/97	24.08	--	17.30	--	nm	6.78
ES-11	04/17/97	24.08	--	17.80	--	nm	6.28
ES-11	09/24/08	24.08	--	16.29	--	35.00	7.79
ES-11	04/08/09	24.08	--	14.59	--	35.05	9.49
ES-11	07/14/09	24.08	--	15.38	--	35.03	8.70
ES-11	10/06/09	24.08	--	15.90	--	35.04	8.18

nm = not measured    nd = not determined    -- = none detected    BMP = Below Measuring Point

Note: 1) On April 8, 2009, the well network was surveyed according to the North American Vertical Datum 1988 (NAVD 88) system.

2) Well casings are not vertical.

3) Monitoring well ES-10 has been paved over and is not accessible.

4) Data not entered due to apparent typographical error in previous consultant's findings.

**Table 3a - Summary of Groundwater Analytical Results (October 2009)**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Avenue**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o
BC-1	10/07/09	<b>0.230</b>	0.034	0.045	0.062	0.371	0.023	<0.00032	<0.00014	<0.00014	0.060	<0.00017	<0.00023	<0.017	<0.074	<b>3.70</b>	<b>0.630</b>	0.064
BC-2	10/07/09	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
BC-3	10/07/09	<b>0.003</b>	0.0003 J	0.0002 J	0.0004 J	0.004	0.0002 J	<0.00032	<0.00014	<0.00014	0.0004 J	<0.00017	<0.00023	<0.017	<0.074	0.025 J	0.058	0.110
ES-1	10/07/09	<b>0.340</b>	0.036	0.044	0.053	0.473	<b>0.037</b>	<0.00032	<0.00014	<0.00014	0.082	<0.00017	<b>0.0007 J</b>	<0.017	<0.074	<b>4.10</b>	<b>0.610</b>	0.100
ES-2	10/07/09	<b>0.730</b>	0.061	0.030	0.090	0.911	0.004	<0.00032	<0.00014	<0.00014	0.085	<0.00017	<0.00023	<0.017	<0.074	<b>6.00</b>	<b>1.10</b>	0.098
ES-3	10/07/09	<b>0.250</b>	0.028	0.042	0.105	0.425	<b>0.035</b>	<0.00032	<0.00014	<0.00014	0.100	<0.00017	<b>0.0008 J</b>	<0.017	<0.074	<b>4.70</b>	<b>0.860</b>	0.084
ES-4	10/07/09	0.0002 J	<0.00029	0.0002 J	0.0005 J	0.0009	<0.00011	<0.00032	<0.00014	<0.00014	0.014	<0.00017	<0.00023	<0.017	<0.074	<b>0.310</b>	0.081	<0.029
ES-5	10/07/09	<b>0.710</b>	<b>0.190</b>	0.440	0.373	1.71	<b>0.160</b>	<0.0032	<0.0014	<0.0014	0.068	<0.0017	<0.0023	<0.170	<0.740	<b>12.0</b>	<b>1.50</b>	0.140
ES-6	10/06/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<0.00014	0.0004 J	<0.00017	<0.00023	<0.017	<0.074	0.017 J	0.030 J	0.034 J
ES-7	10/06/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<0.00014	<0.00015	<0.00017	<0.00023	<0.017	<0.074	0.024 J	<0.02	0.041 J
ES-8	10/06/09	<b>0.007</b>	0.001 J	0.001 J	0.001 J	0.010	0.0002 J	<0.00032	<0.00014	<0.00014	0.036	<0.00017	<0.00023	<0.017	<0.074	<b>1.90</b>	<b>0.270</b>	0.170
ES-9	10/06/09	<0.0001	<0.00029	<0.00015	0.0002 J	0.0002	<0.00011	<0.00032	<0.00014	<0.00014	0.0005 J	<0.00017	<0.00023	<0.017	<0.074	0.022 J	0.027 J	0.052
ES-10	10/07/09	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
ES-11	10/07/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<0.00014	<0.00015	<0.00017	<0.00023	<0.017	<0.074	<0.016	<0.02	<0.029
<b>City of Oakland Urban Land Redevelopment (ULR) Tier 1 Risk Based Screening Levels (RBSLs, residential/commercial, ingestion)</b>		<b>0.001</b>	<b>0.150</b>	<b>0.700</b>	<b>1.80</b>	ne	<b>0.020</b>	<b>0.013</b>	ne	ne	ne	<b>0.00005</b>	<b>0.0005</b>	ne	ne	ne	ne	ne
<b>City of Oakland ULR Tier 1 RBSLs (commercial, indoor inhalation)</b>		<b>1.80</b>	>SOL	>SOL	>SOL	ne	>SOL	>SOL	ne	ne	ne	<b>9.00</b>	<b>11.0</b>	ne	ne	ne	ne	ne
<b>City of Oakland ULR Tier 1 RBSLs (commercial, outdoor inhalation)</b>		<b>21.0</b>	>SOL	>SOL	>SOL	ne	>SOL	>SOL	ne	ne	ne	<b>33.0</b>	<b>69.0</b>	ne	ne	ne	ne	ne
<b>San Francisco Bay RWQCB Environmental Screening Levels (ESLs; potable groundwater)</b>		<b>0.001</b>	<b>0.040</b>	<b>0.030</b>	<b>0.020</b>	ne	<b>0.017</b>	<b>0.005</b>	ne	ne	ne	<b>0.00005</b>	<b>0.0005</b>	<b>0.012</b>	ne	<b>0.100</b>	<b>0.100</b>	ne
<b>City of Oakland ULR Tier 2 Site-Specific Target Levels (SSTLs, Merritt Sands, residential/commercial, ingestion)</b>		<b>0.001</b>	<b>0.150</b>	<b>0.700</b>	<b>1.80</b>	ne	<b>0.020</b>	<b>0.013</b>	ne	ne	ne	<b>0.00005</b>	<b>0.0005</b>	ne	ne	ne	ne	ne
<b>City of Oakland ULR Tier 2 SSTLs (Merritt Sands, commercial, indoor inhalation)</b>		<b>22.0</b>	>SOL	>SOL	>SOL	ne	>SOL	>SOL	ne	ne	ne	<b>0.480</b>	<b>120</b>	ne	ne	ne	ne	ne
<b>City of Oakland ULR Tier 2 SSTLs (Merritt Sands, commercial, outdoor inhalation)</b>		<b>69.0</b>	>SOL	>SOL	>SOL	ne	>SOL	>SOL	ne	ne	ne	<b>350</b>	<b>1,600</b>	ne	ne	ne	ne	ne

Analytical test results are reported in milligrams per liter (mg/L).  
 Bolded results indicate detected concentrations exceeded City of Oakland RBSLs and/or RWQCB ESLs, as applicable.  
 ne = not established    ns = not sampled    dne = does not exist    < = below laboratory detection limits    >SOL = RBSL exceeds solubility of chemical in water  
 J = reported result is between the MDL and PQL

Table 3b - Cumulative Summary of Groundwater Analytical Results  
 Greyhound Lines, Inc.  
 2103 San Pablo Avenue  
 Oakland, Alameda County, California  
 Green Star Project No. 09-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs	
BC-1	04/17/97	0.160	0.072	0.035	0.093	0.360	nt	BDL	nt	nt	nt	nt	nt	nt	nt	0.200	0.640	nt	nt	
	07/15/97	0.520	0.130	0.170	0.290	1.11	nt	0.100	nt	nt	nt	nt	nt	nt	nt	11.0	95.0	nt	0.203	
	10/07/97	0.310	0.600	0.370	1.90	3.18	nt	BDL	nt	nt	nt	nt	nt	nt	nt	31.0	484	nt	4.34	
	09/25/08	0.220	0.022	0.032	0.038	0.312	0.016	<0.00031	<0.00014	0.00026 J	0.082	0.00039 J	<0.00024	<0.006	<0.074	3.70	2.00	<0.290	nt	
	04/09/09	0.130	0.020	0.017	0.033	0.200	0.006	<0.0003	<0.00014	0.00058 J	0.074	0.00027 J	<0.00023	<0.017	<0.074	2.10	3.70	<0.033	nt	
	07/15/09	0.200	0.039	0.035	0.058	0.332	0.014	<0.00032	<0.00014	<0.00014	0.110	0.00028 J	<0.00023	<0.017	<0.074	3.20	0.910	0.150	nt	
	10/07/09	0.230	0.034	0.045	0.062	0.371	0.023	<0.00032	<0.00014	<0.00014	0.060	<0.00017	<0.00023	<0.017	<0.074	3.70	0.630	0.064	nt	
	BC-2	07/08/92	BDL	BDL	BDL	0.008	0.008	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	2.10	nt	nt
10/06/92		BDL	0.001	0.001	0.007	0.009	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	
01/07/93		BDL	0.001	0.002	0.010	0.012	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	
04/06/93		BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.130	nt	nt
07/23/93		0.001	0.002	0.002	0.008	0.013	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	0.500	nt	BDL	
10/07/93		BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	1.40	nt	nt
01/05/94		nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	
04/07/94		nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	
07/13/94		nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	
10/06/94		nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	
01/13/95		BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	1.10	nt	nt
04/11/95		BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
07/06/95		BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.290	nt	nt
10/05/95		0.001	BDL	BDL	0.001	0.002	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	1.50	nt	nt
04/17/97		BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.050	nt	nt
07/15/97		BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.680	nt	BDL
10/07/97		BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.920	nt	BDL
09/24/08		ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
04/09/09		ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
07/15/09		ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
10/07/09	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns		
BC-3	07/08/92	BDL	0.003	BDL	0.006	0.009	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	3.90	nt	nt	
	10/06/92	BDL	0.002	0.001	0.002	0.004	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.800	nt	nt	
	01/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	
	04/06/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.120	nt	nt
	07/23/93	0.003	0.004	0.002	0.008	0.018	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt*	nt	nt
	10/07/93	BDL	BDL	0.0001	0.002	0.003	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	1.40	nt	nt
	01/05/94	BDL	BDL	BDL	0.002	0.002	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	1.80	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.850	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.200	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.820	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.890	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.380	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.490	nt	BDL
	10/07/97	BDL	BDL	0.002	0.002	0.003	nt	BDL	nt	nt	nt	nt	nt	nt	nt	nt	0.051	1.34	nt	BDL
	09/25/08	<0.0004	0.0006 J	0.0006 J	<0.0003	0.0012	<0.0003	<0.00031	<0.00014	0.0007 J	<0.00036	<0.00031	<0.00024	<0.006	<0.074	<0.084	<0.021	1.30	nt	
04/09/09	0.006	0.0008 J	0.0008 J	0.0012 J	0.009	0.005	<0.0003	<0.00014	0.00052 J	0.00043 J	<0.00017	<0.00023	<0.017	<0.074	<0.024	0.018 J	0.880	nt		
07/15/09	0.0049 J	0.0006 J	0.0003 J	<0.00013	0.006	0.0022 J	<0.00032	<0.00014	0.00044 J	0.0003 J	<0.00017	<0.00023	<0.017	<0.074	0.019 J	0.059	0.170	nt		
10/07/09	0.003	0.0003 J	0.0002 J	0.0004 J	0.004	0.0002 J	<0.00032	<0.00014	<0.00014	0.0004 J	<0.00017	<0.00023	<0.017	<0.074	0.025 J	0.058	0.110	nt		

Table 3b - Cumulative Summary of Groundwater Analytical Results  
 Greyhound Lines, Inc.  
 2103 San Pablo Avenue  
 Oakland, Alameda County, California  
 Green Star Project No. 09-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs
ES-1	11/19/91	0.130	0.043	0.010	0.091	0.274	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/17/97	0.110	0.018	0.007	0.045	0.180	nt	BDL	nt	nt	nt	nt	nt	nt	nt	1.00	BDL	nt	nt
	07/16/97	0.076	0.008	0.011	0.025	0.120	nt	BDL	nt	nt	nt	nt	nt	nt	nt	0.960	1.20	nt	0.014
	10/07/97	0.049	0.034	0.011	0.023	0.100	nt	0.014	nt	nt	nt	nt	nt	nt	nt	1.70	2.77	nt	0.010
	09/25/08	0.140	0.009	0.014	0.016	0.179	0.011	<0.00031	<0.00014	<0.00026	0.130	<0.00031	0.00049 J	<0.006	<0.074	2.90	2.50	<0.290	nt
	04/09/09	0.260	0.029	0.027	0.049	0.365	0.025	<0.00032	<0.00014	<0.00014	0.066	0.00037 J	0.00047 J	<0.017	<0.074	2.40	3.60	<0.036	nt
	07/15/09	0.300	0.063	0.092	0.090	0.545	0.053	<0.00032	<0.00014	0.00023 J	0.100	0.00038 J	0.00086 J	<0.017	<0.074	5.00	0.930	0.210	nt
	10/07/09	0.340	0.036	0.044	0.053	0.473	0.037	<0.00032	<0.00014	<0.00014	0.082	<0.00017	0.0007 J	<0.017	<0.074	4.10	0.610	0.100	nt
ES-2	11/19/91	0.390	0.096	0.078	0.310	0.874	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/17/97	0.340	0.110	0.110	0.240	0.800	nt	BDL	nt	nt	nt	nt	nt	nt	nt	3.80	1.80	nt	nt
	07/15/97	0.190	0.140	0.073	0.250	0.653	nt	0.081	nt	nt	nt	nt	nt	nt	nt	3.70	16.0	nt	0.194
	10/07/97	0.190	0.046	0.046	0.070	0.352	nt	BDL	nt	nt	nt	nt	nt	nt	nt	7.20	8.04	nt	0.993
	09/25/08	0.700	0.053	0.029	0.084	0.866	0.010	<0.00031	<0.00014	0.00041 J	0.100	<0.00031	0.00038 J	<0.006	<0.074	6.00	1.50	nt	<0.290
	04/09/09	0.690	0.059	0.027 J	0.072	0.848	0.008 J	<0.00032	<0.00014	0.0056 J	0.110	<0.00017	<0.0023	<0.170	<0.740	2.20	7.50	<0.038	nt
	07/15/09	0.700	0.068	0.023	0.094	0.885	0.0019 J	<0.00032	<0.00014	0.00042 J	0.120	0.00025 J	<0.00023	<0.017	<0.074	8.40	1.30	0.230	nt
	10/07/09	0.730	0.061	0.030	0.090	0.911	0.004	<0.00032	<0.00014	<0.00014	0.085	<0.00017	<0.00023	<0.017	<0.074	6.00	1.10	0.980	nt
ES-3	11/19/91	0.061	0.016	0.014	0.033	0.124	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	07/08/92	0.051	0.021	0.048	0.034	0.157	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	1.30	nt	nt
	10/06/92	0.093	0.018	BDL	0.011	0.122	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/07/93	0.052	0.049	0.100	0.250	0.451	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/06/93	0.053	BDL	0.067	0.078	0.198	nt	nt	nt	nt	nt	nt	nt	nt	nt	4.50	0.510	nt	nt
	07/23/93	0.028	0.006	0.005	0.005	0.043	nt	nt	nt	nt	nt	nt	nt	nt	nt	1.50	0.600	nt	nt
	10/07/93	0.002	0.001	BDL	0.002	0.005	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	0.013	0.002	0.007	0.005	0.027	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.530	nt	nt	nt
	04/07/94	0.010	0.009	0.026	0.034	0.079	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.850	0.910	nt	nt
	07/13/94	0.002	0.001	0.001	0.003	0.007	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.370	0.280	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	0.019	0.015	0.072	0.088	0.194	nt	nt	nt	nt	nt	nt	nt	nt	nt	1.60	1.10	nt	nt
	04/11/95	0.020	0.007	0.036	0.022	0.085	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.940	0.390	nt	nt
	07/06/95	0.006	BDL	0.007	BDL	0.013	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.240	1.20	nt	nt
	10/05/95	0.002	0.002	BDL	BDL	0.004	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	0.110	nt	nt
	01/05/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.120	nt	nt
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
10/08/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
01/16/97	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.051	BDL	nt	nt	
04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	0.120	nt	nt	
07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	0.170	nt	BDL	
10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	0.205	nt	BDL	
09/24/08	0.230	0.017	0.023	0.048	0.318	0.028	<0.00031	<0.00014	0.00028 J	0.110	<0.00031	0.00078 J	<0.006	<0.074	3.00	1.40	<0.290	nt	
04/09/09	0.340	0.091	0.180	0.372	0.983	0.083	<0.0016	<0.00071	<0.00068	0.096	<0.00086	<0.0011	<0.084	<0.370	2.60	9.70	<0.032	nt	
07/15/09	0.230	0.075	0.190	0.413	0.908	0.110	<0.0016	<0.00071	<0.00068	0.045 J	<0.00086	<0.0011	<0.084	<0.370	9.40	1.40	0.280	nt	
10/07/09	0.250	0.028	0.042	0.105	0.425	0.035	<0.00032	<0.00014	<0.00014	0.100	<0.00017	0.0008 J	<0.017	<0.074	4.70	0.860	0.084	nt	

Table 3b - Cumulative Summary of Groundwater Analytical Results  
 Greyhound Lines, Inc.  
 2103 San Pablo Avenue  
 Oakland, Alameda County, California  
 Green Star Project No. 09-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs
ES-4	11/19/91	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	07/08/92	0.031	0.006	BDL	0.003	0.039	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	10/06/92	0.100	0.008	BDL	0.008	0.116	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/07/93	0.030	0.007	0.008	0.016	0.060	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/06/93	0.033	0.002	0.002	0.005	0.042	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.360	BDL	nt	nt
	07/23/93	0.024	0.001	0.001	0.008	0.034	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	0.008	BDL	BDL	0.002	0.010	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	0.015	0.001	0.0004	0.003	0.019	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.130	BDL	nt	nt
	04/07/94	0.011	BDL	BDL	BDL	0.011	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.170	BDL	nt	nt
	07/13/94	0.009	BDL	BDL	0.001	0.010	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.130	BDL	nt	nt
	10/06/94	0.018	BDL	0.002	0.003	0.023	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.100	BDL	nt	nt
	01/13/95	0.012	BDL	BDL	0.002	0.014	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.150	BDL	nt	nt
	04/11/95	0.039	0.004	0.012	0.024	0.079	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.180	BDL	nt	nt
	07/06/95	0.100	0.010	0.026	0.061	0.197	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.600	0.160	nt	nt
	10/05/95	0.210	0.016	0.071	0.084	0.381	nt	nt	nt	nt	nt	nt	nt	nt	nt	1.20	0.170	nt	nt
	01/05/96	0.034	BDL	0.005	0.004	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.120	BDL	nt	nt
	04/09/96	0.057	0.003	0.017	0.019	0.096	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	07/09/96	0.043	0.005	0.021	0.017	0.086	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.220	BDL	nt	nt
	10/08/96	0.110	0.004	0.042	0.039	0.195	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.860	BDL	nt	nt
	01/16/97	0.005	BDL	BDL	0.001	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.059	BDL	nt	nt
	04/17/97	0.087	0.011	0.049	0.024	0.171	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	0.100	nt	nt
	07/15/97	0.110	0.011	0.042	0.040	0.203	nt	BDL	nt	nt	nt	nt	nt	nt	nt	0.920	0.370	nt	0.0
	10/07/97	0.011	BDL	0.028	0.023	0.016	nt	BDL	nt	nt	nt	nt	nt	nt	nt	0.120	0.101	nt	0.024
	09/25/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	0.0007 J	0.007 J	<0.00031	<0.00024	<0.006	<0.074	0.069	0.091	nt	<0.029
04/09/09	0.008	0.0008 J	0.0016 J	0.0025 J	0.013	0.0007 J	<0.0003	<0.00014	0.00054 J	0.020	<0.00017	<0.00023	<0.017	<0.074	0.640	0.520	<0.034	nt	
07/15/09	0.0076	0.0017 J	0.0042 J	<0.00013	0.014	0.0019 J	<0.00032	<0.00014	<0.00014	0.025	<0.00017	<0.00023	<0.017	<0.074	0.800	0.110	0.045 J	nt	
10/07/09	0.0002 J	<0.00029	0.0002 J	0.0005 J	0.0009	<0.00011	<0.00032	<0.00014	<0.00014	0.014	<0.00017	<0.00023	<0.017	<0.074	0.310	0.081	<0.029	nt	
ES-5	11/19/91	2.10	3.90	0.840	6.00	12.8	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	950	nt	nt
	04/17/97	0.590	1.20	0.180	1.00	2.97	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	2.40	1.60	nt	nt
	07/16/97	0.810	1.80	0.430	1.80	9.68	nt	0.350	nt	nt	nt	nt	nt	nt	nt	27.0	15.0	nt	216
	10/07/97	0.260	0.470	0.160	0.590	1.48	nt	BDL	nt	nt	nt	nt	nt	nt	nt	15.0	6.51	nt	0.424
	09/25/08	0.970	0.190	0.400	0.350	1.91	0.180	<0.00031	<0.00014	<0.00026	0.150	<0.00031	0.00057 J	<0.006	<0.074	12.0	1.90	<0.290	nt
	04/09/09	0.590	0.150	0.230	0.248	1.22	0.100	<0.0032	<0.0014	0.0059 J	0.030 J	<0.00017	<0.00023	<0.170	<0.740	3.70	10.0	<0.033	nt
	07/15/09	0.770	0.220	0.430	0.407	1.83	0.180	<0.0016	<0.00071	<0.00068	0.063	<0.00086	<0.0011	<0.084	<0.370	16.0	1.30	0.180	nt
	10/07/09	0.710	0.190	0.440	0.373	1.71	0.160	<0.0032	<0.0014	<0.0014	0.068	<0.0017	<0.0023	<0.170	<0.740	12.0	1.50	0.140	nt
ES-6	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	0.001	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.160	BDL	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	0.002	0.002	BDL	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/05/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	0.220	nt	nt
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/08/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/16/97	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	0.120	nt	nt
07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	0.060	nt	BDL	
10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	BDL	

Table 3b - Cumulative Summary of Groundwater Analytical Results  
 Greyhound Lines, Inc.  
 2103 San Pablo Avenue  
 Oakland, Alameda County, California  
 Green Star Project No. 09-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs	
ES-7	09/24/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<b>0.0005 J</b>	<0.00031	<0.00014	<b>0.00065 J</b>	<b>0.003 J</b>	<0.00031	<0.00024	<0.006	<0.074	<0.017	<b>0.068</b>	<0.290	nt	
	04/08/09	<0.0001	<0.0002	<0.0001	<0.0001	BDL	<0.0001	<0.0003	<0.00014	<b>0.00055 J</b>	<b>0.00093 J</b>	<0.00017	<0.00023	<0.017	<0.074	<0.022	<0.016	<b>0.170</b>	nt	
	07/15/09	<b>0.0021 J</b>	<b>0.00086 J</b>	<b>0.0021 J</b>	<0.00013	<b>0.005</b>	<b>0.0012 J</b>	<0.00032	<0.00014	<b>0.00074 J</b>	<b>0.00088 J</b>	<0.00017	<0.00023	<0.017	<0.074	<b>0.061</b>	<b>0.073</b>	<b>0.200</b>	nt	
	10/06/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<0.00014	0.0004 J	<0.00017	<0.00023	<0.017	<0.074	0.017 J	0.030 J	0.034 J	nt	
	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt	
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	<b>0.110</b>	<b>0.100</b>	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	nt	BDL	<b>0.060</b>	nt	nt	
09/24/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	<b>0.00066 J</b>	<0.00036	<0.00031	<0.00024	<0.006	<0.074	<0.017	<0.002	<b>0.150</b>	nt	nt	
04/08/09	<0.0001	<0.0002	<0.0001	<0.0001	BDL	<0.0001	<0.0003	<0.00014	<b>0.00053 J</b>	<0.00015	<0.00017	<0.00023	<0.017	<0.074	<0.023	<0.016	<b>0.690</b>	nt	nt	
07/15/09	<b>0.0013 J</b>	<b>0.00051 J</b>	<b>0.00096 J</b>	<0.00013	<b>0.003</b>	<b>0.00052 J</b>	<0.00032	<0.00014	<b>0.0007 J</b>	<0.00015	<0.00017	<0.00023	<0.017	<0.074	<b>0.027 J</b>	<b>0.031 J</b>	<b>0.093</b>	nt	nt	
10/06/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<0.00014	<0.00015	<0.00017	<0.00023	<0.017	<0.074	0.024 J	<0.02	0.041 J	nt	nt	
ES-8	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt	
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt	
09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
04/08/09	<b>0.015</b>	<b>0.0014 J</b>	<b>0.002 J</b>	<b>0.0027 J</b>	<b>0.021</b>	<b>0.0003 J</b>	<0.0003	<0.00014	<0.00014	<b>0.056</b>	<0.00017	<0.00023	<0.017	<0.074	<b>1.60</b>	<b>2.30</b>	<0.033	nt	nt	
07/14/09	<b>0.0058</b>	<b>0.00083 J</b>	<b>0.00061 J</b>	<0.00013	<b>0.007</b>	<0.00011	<0.00032	<0.00014	<0.00014	<b>0.045</b>	<0.00017	<0.00023	<0.017	<0.074	<b>1.80</b>	<b>0.540</b>	<b>0.230</b>	nt	nt	
10/06/09	<b>0.007</b>	0.001 J	0.001 J	0.001 J	0.010	0.0002 J	<0.00032	<0.00014	<0.00014	0.036	<0.00017	<0.00023	<0.017	<0.074	<b>1.90</b>	<b>0.270</b>	0.170	nt	nt	
ES-9	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt	
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	<b>1.10</b>	nt	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	nt
	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	04/08/09	<0.0001	<0.0002	<0.0001	<0.0001	BDL	<0.0001	<0.0003	<0.00014	<b>0.00055 J</b>	<b>0.00056 J</b>	<0.00017	<0.00023	<0.017	<0.074	<0.023	<0.016	<b>0.210</b>	nt	nt
	07/15/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<b>0.00066 J</b>	<b>0.00052 J</b>	<0.00017	<0.00023	<0.017	<0.074	<0.016	<b>0.028 J</b>	<b>0.061</b>	nt	nt
	10/06/09	<0.0001	<0.00029	<0.00015	0.0002 J	0.0002	<0.00011	<0.00032	<0.00014	<0.00014	0.0005 J	<0.00017	<0.00023	<0.017	<0.074	0.022 J	0.027 J	0.052	nt	nt



**Table 3b - Cumulative Summary of Groundwater Analytical Results**  
 Greyhound Lines, Inc.  
 2103 San Pablo Avenue  
 Oakland, Alameda County, California  
 Green Star Project No. 09-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs	
ES-10	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt	
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	09/24/08	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	04/09/09	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	07/15/09	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	10/7/2009	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
ES-11	07/23/93	<0.0003	<b>0.001</b>	<0.0003	<b>0.001</b>	<b>0.002</b>	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt	
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	<b>0.350</b>	nt	nt	
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<b>0.170</b>	BDL	nt	nt	
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt	
	09/25/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	<b>0.00067 J</b>	<0.00036	<0.00031	<0.00024	<0.006	<0.074	<0.017	<b>0.028 J</b>	<0.029	nt	
	04/09/09	<b>0.0025 J</b>	<b>0.0009 J</b>	<b>0.0017 J</b>	<b>0.0030 J</b>	<b>0.008</b>	<b>0.0011 J</b>	<0.0003	<0.00014	<b>0.00052 J</b>	<b>0.00025 J</b>	<0.00017	<0.00023	<0.017	<0.074	<0.025	<0.016	<b>0.200</b>	nt	
07/15/09	<b>0.0028 J</b>	<b>0.00097 J</b>	<b>0.0021 J</b>	<0.00013	<b>0.006</b>	<b>0.0014 J</b>	<0.00032	<0.00014	<0.00014	<b>0.00025 J</b>	<0.00017	<0.00023	<0.017	<0.074	<b>0.041 J</b>	<0.020	<0.029	nt		
10/07/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<0.00014	<0.00015	<0.00017	<0.00023	<0.017	<0.074	<0.016	<0.020	<0.029	nt		
City of Oakland Public Works Agency Risk Based Screening Levels (RBSLs)	<b>0.001</b>	<b>0.150</b>	<b>0.700</b>	<b>1.80</b>	ne	<b>0.020</b>	<b>0.013</b>	ne	ne	ne	<b>0.00005</b>	<b>0.0005</b>	ne	ne	ne	ne	ne	ne		
San Francisco Bay RWQCB Environmental Screening Levels (ESLs)	<b>0.001</b>	<b>0.040</b>	<b>0.030</b>	<b>0.020</b>	ne	<b>0.017</b>	<b>0.005</b>	ne	ne	ne	<b>0.00005</b>	<b>0.0005</b>	<b>0.012</b>	ne	<b>0.100</b>	<b>0.100</b>	ne	ne		

Analytical test results are reported in milligrams per liter (mg/L).  
 Bolded results indicate detected concentrations exceeded laboratory detection limits.  
 nt = not tested for that constituent    ns = not sampled    dne = does not exist    ne = not established    < = below laboratory detection limits    J = reported result is between the MDL and PQL

Notes (per previous reports):  
 1) BTEX analyzed by EPA Method 8020  
 2) TPH-d analyzed by EPA Method 3550/8015 Modified  
 3) TPH-g analyzed by EPA Method 8015M  
 \* Sample not analyzed due to broken sample bottle during shipment

**Table 4 - Cumulative Summary of Soil Analytical Results**  
**Greyhound Lines, Inc.**  
**2103 San Pablo Avenue**  
**Oakland, Alameda County, California**  
**Green Star Project No. 09-1379**

Sample ID	Depth in feet BGS	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDC	EDB	TBA	Ethanol	TPH-g	TPH-d	TPH-o	TFH
<b>Investigation Samples (Collected by a Previous Contulant)</b>																				
BC-1	16-16.5	07/08/89	nr	<b>1.78</b>	<b>37.5</b>	1.13	40.4	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	3,060
BC-1	25-25.5	07/08/89	<10.0	<0.001	0.027	0.008	0.035	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	<10.0
BC-2	16-16.5	07/08/89	nr	<b>4.00</b>	<b>2.00</b>	<b>49.5</b>	55.5	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	4,260
BC-2	25-25.5	07/08/89	<10.0	0.090	0.402	0.154	0.646	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	<10.0
BC-3	16-16.5	07/08/89	nr	<b>2.24</b>	<b>28.9</b>	1.03	32.2	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	1,850
BC-3	25-25.5	07/08/89	<10.0	<0.001	0.008	<0.001	0.008	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	<10.0
ES-1	16-18	11/11/91	<1.00	<b>3.00</b>	3.40	<b>22.0</b>	28.4	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	<2.50	nt	nt
ES-2	16-18	11/12/91	<2.00	<b>27.0</b>	<b>28.0</b>	<b>150</b>	205	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	<2.50	nt	nt
ES-3	16-18	11/12/91	<0.001	<0.002	<0.002	<0.004	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	<2.50	nt	nt
ES-4	16-18	11/13/91	<0.001	<0.002	<0.002	<0.004	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
ES-5	16-18	11/14/91	<0.001	0.080	0.065	0.330	0.475	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	160	nt	nt
ES-6	15-16.5	07/23/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-7	20-21.5	07/20/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-8	20-21.5	07/20/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-9	15-16.5	07/21/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-10	20-21.5	07/21/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-11	20-21.5	07/21/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
<b>City of Oakland Urban Land Redevelopment (ULR) Tier 1 Risk Based Screening Levels (RBSLs, residential/commercial, soil leachate to groundwater)</b>			<b>0.0021</b>	<b>0.880</b>	<b>8.00</b>	<b>13.0</b>	ne	<b>1.20</b>	<b>0.0076</b>	ne	ne	ne	<b>0.00038</b>	<b>0.000078</b>	ne	ne	ne	ne	ne	ne
<b>City of Oakland ULR Tier 1 RBSLs (commercial, surficial soils, ingestion, dermal, inhalation)</b>			<b>8.50</b>	<b>56,000</b>	<b>33,000</b>	<b>300,000</b>	ne	<b>13,000</b>	<b>1,700</b>	ne	ne	ne	<b>12.0</b>	<b>0.260</b>	ne	ne	ne	ne	ne	ne
<b>City of Oakland ULR Tier 1 RBSLs (commercial, subsurface soils, inhalation of indoor vapors)</b>			<b>1.10</b>	SAT	SAT	SAT	ne	SAT	SAT	ne	ne	ne	<b>2.70</b>	<b>4.50</b>	ne	ne	ne	ne	ne	ne
<b>City of Oakland ULR Tier 1 RBSLs (commercial, subsurface soils, inhalation of outdoor vapors)</b>			<b>0.730</b>	SAT	SAT	SAT	ne	SAT	SAT	ne	ne	ne	<b>1.80</b>	<b>3.00</b>	ne	ne	ne	ne	ne	ne

Analytical test results are reported in milligrams per Kilogram (mg/Kg).  
 <, BDL = below laboratory detection limits  
 nt = not tested for that constituent    ne = not established  
 nr = Interpretation of results not possible as reported by previous consultant.  
 SAT = RBSL exceeds saturated soil concentration of chemical  
 Bolded results indicate detected concentrations exceeded City of Oakland RBSLs.

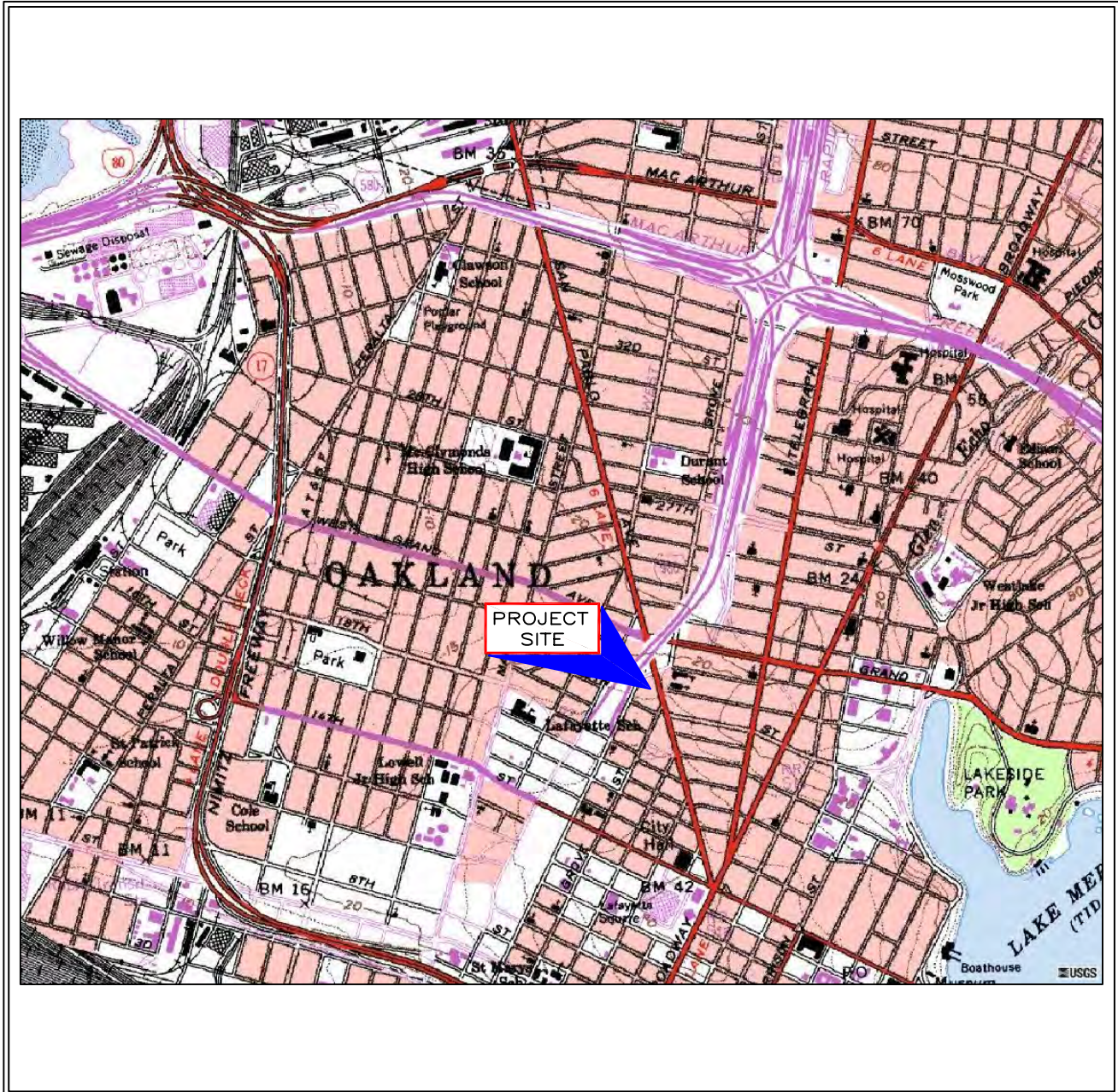
## **LIST OF FIGURES**

- FIGURE 1 Site Location Map/USGS Topographic Map
- FIGURE 2 Site Plan
- FIGURE 3 Groundwater Gradient (October 6, 2009)
- FIGURE 4 Dissolved-Phase Benzene in Groundwater (October 6 and 7, 2009)
- FIGURE 5 Dissolved-Phase TPH-g in Groundwater (October 6 and 7, 2009)
- FIGURE 6 Dissolved-Phase TPH-d in Groundwater (October 6 and 7, 2009)

# OAKLAND WEST QUADRANGLE OAKLAND, CALIFORNIA

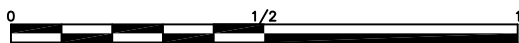
LAT=37° 48' 40" N  
LONG=122° 16' 24" W

1996

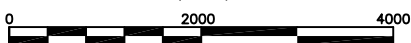


NORTH

SCALE 1:24000



(Miles)



(Feet)

CONTOUR INTERVAL 10 FEET

FIGURE 1

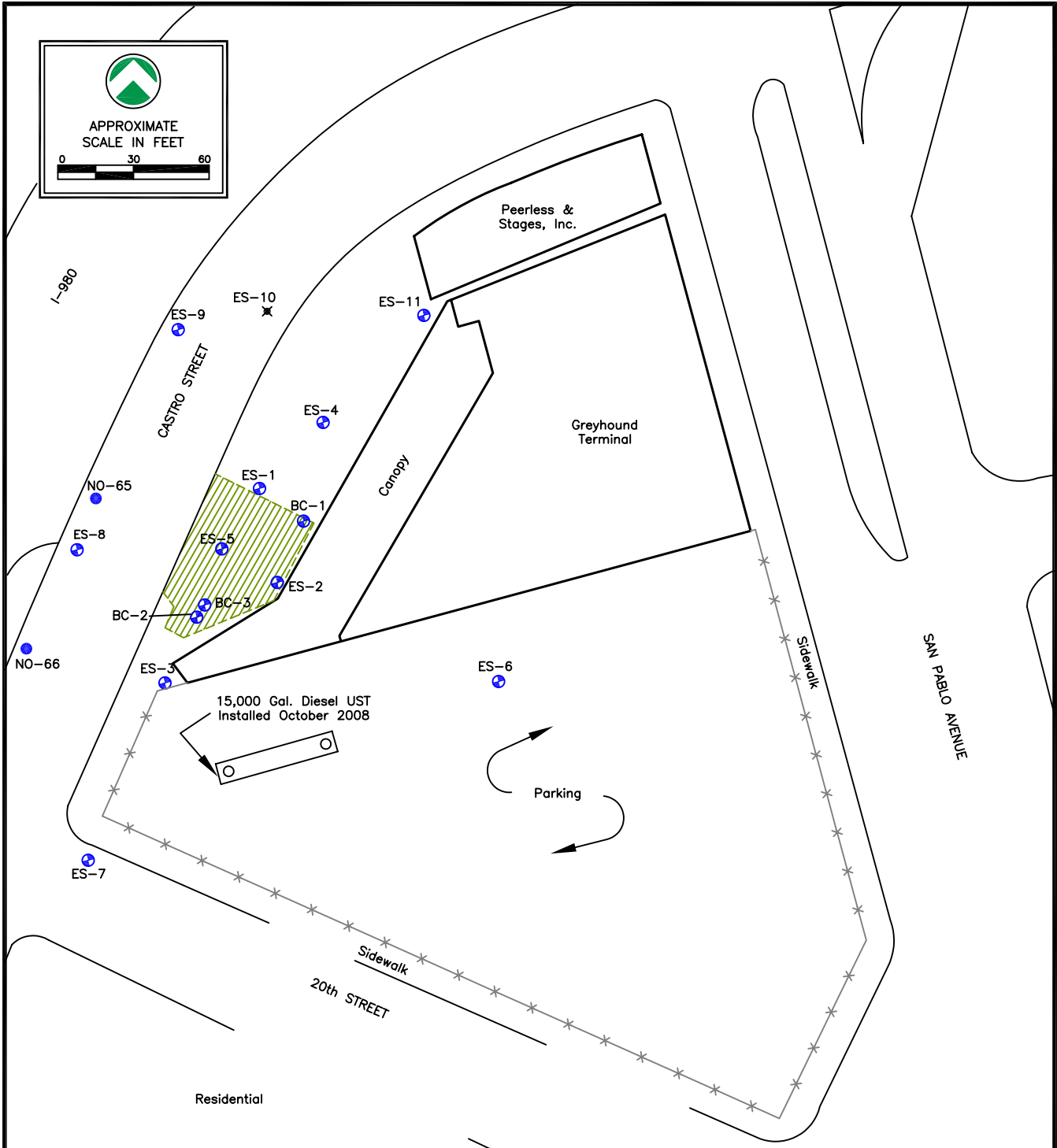
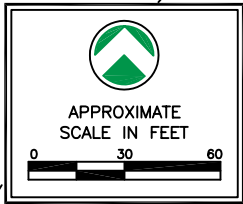
SITE LOCATION/USGS TOPOGRAPHIC MAP

Greyhound Lines, Inc.  
2103 San Pablo Avenue  
Oakland, California



<b>Generated by:</b>	JRS
<b>Approved by:</b>	TDR
<b>Date:</b>	05/04/09

PROJECT No. 09-1379



LEGEND	
	Monitoring Well
	Destroyed Monitoring Well
	Non-project Monitoring Well
	Former Tank Pit
	Fence Line

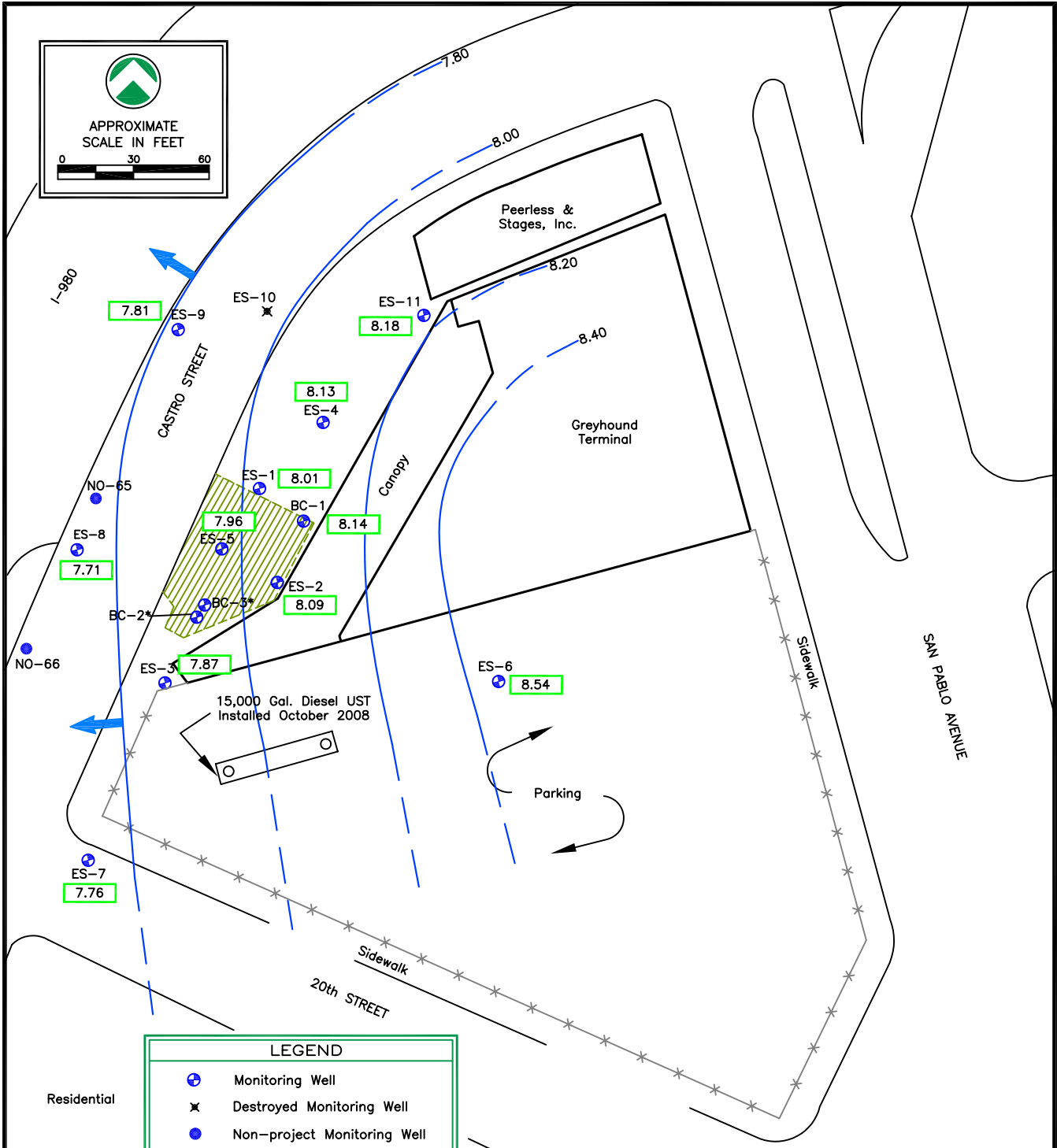
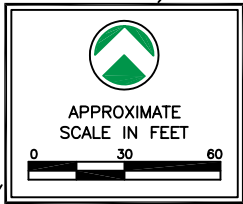
FIGURE 2  
SITE PLAN

Greyhound Lines, Inc.  
2103 San Pablo Avenue  
Oakland, California



Generated by:	JRS
Approved by:	TDR
Date:	12/08/09
PROJECT No. 09-1379	

12/08/09 LBA 1379



LEGEND	
	Monitoring Well
	Destroyed Monitoring Well
	Non-project Monitoring Well
	Former Tank Pit
	Fence Line
	Groundwater Elevation Contour (Interval = 0.2 ft)
	Groundwater Flow Direction
	Groundwater Elevation (ft. msl)
	NM Not Measured

Residential

12/08/09 LBA 1379

Notes: \* Elevations from BC-2 and BC-3 are not utilized as well casings are not vertical.

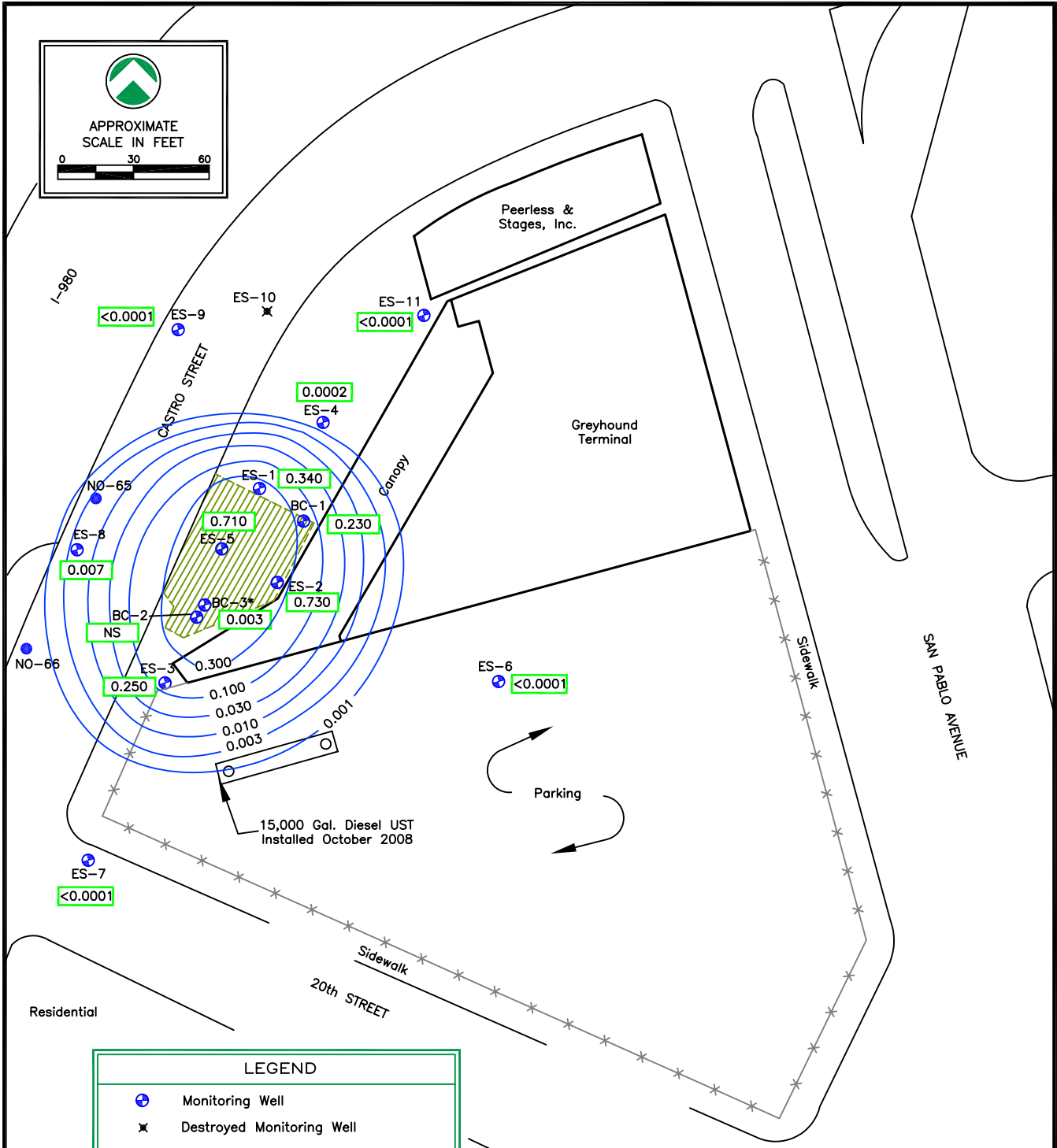
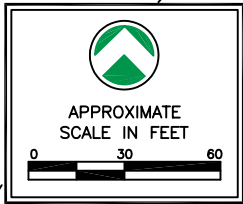
FIGURE 3  
GROUNDWATER GRADIENT MAP  
OCTOBER 6, 2009

Greyhound Lines, Inc.  
2103 San Pablo Avenue  
Oakland, California



Generated by:	JRS
Approved by:	TDR
Date:	12/08/09

PROJECT No. 09-1379



LEGEND	
	Monitoring Well
	Destroyed Monitoring Well
	Non-project Monitoring Well
	Former Tank Pit
	Fence Line
	Contour Interval Logarithmic in mg/L
	Benzene Concentration in Groundwater (mg/L)
NS	Not Sampled

Note: \* Concentrations in BC-3 were not used for contouring as well construction details are unknown and the well does not appear to intercept the impacted zone.

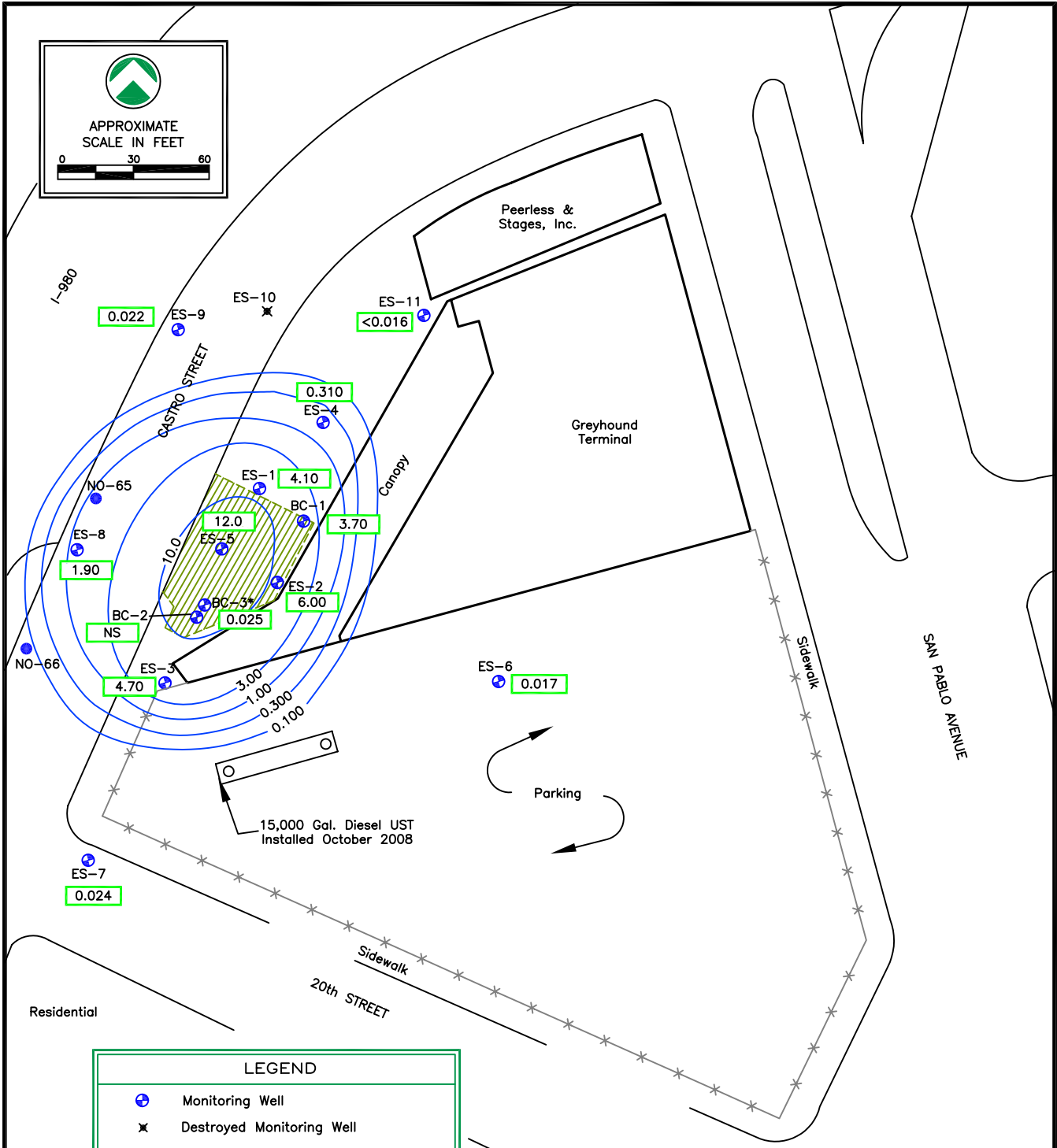
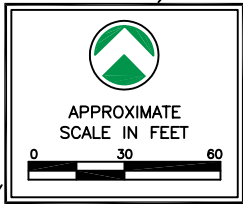
FIGURE 4  
DISSOLVED-PHASE BENZENE IN  
GROUNDWATER  
OCTOBER 6 & 7, 2009

Greyhound Lines, Inc.  
2103 San Pablo Avenue  
Oakland, California



Generated by:	JRS
Approved by:	TDR
Date:	12/08/09
PROJECT No. 09-1379	

12/08/09 LBA 1379



LEGEND	
	Monitoring Well
	Destroyed Monitoring Well
	Non-project Monitoring Well
	Former Tank Pit
	Fence Line
	Contour Interval Logarithmic in mg/L
	Benzene Concentration in Groundwater (mg/L)
	NS Not Sampled

Note: \* Concentrations in BC-3 were not used for contouring as well construction details are unknown and the well does not appear to intercept the impacted zone.

FIGURE 5  
DISSOLVED-PHASE TPH-g  
IN GROUNDWATER  
OCTOBER 6 & 7, 2009

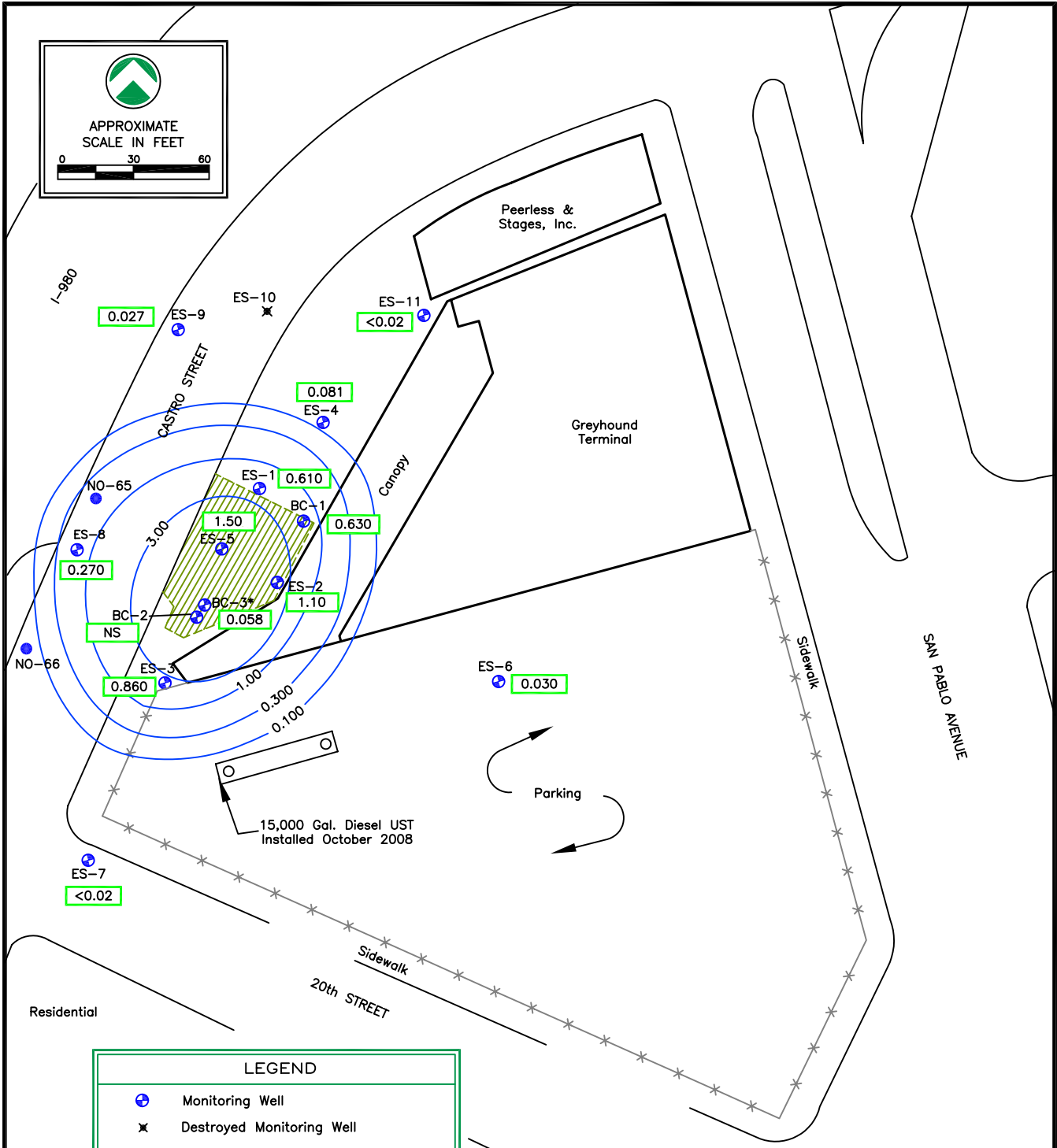
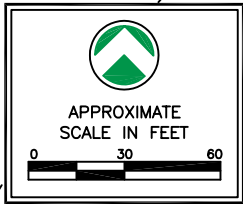
Greyhound Lines, Inc.  
2103 San Pablo Avenue  
Oakland, California



Generated by:	JRS
Approved by:	TDR
Date:	12/08/09
PROJECT No. 09-1379	

12/08/09 LBA 1379





LEGEND	
	Monitoring Well
	Destroyed Monitoring Well
	Non-project Monitoring Well
	Former Tank Pit
	Fence Line
	Contour Interval Logarithmic in mg/L
	Benzene Concentration in Groundwater (mg/L)
NS	Not Sampled

Note: \* Concentrations in BC-3 were not used for contouring as well construction details are unknown and the well does not appear to intercept the impacted zone.

FIGURE 6  
DISSOLVED-PHASE TPH-d  
IN GROUNDWATER  
OCTOBER 6 & 7, 2009

Greyhound Lines, Inc.  
2103 San Pablo Avenue  
Oakland, California



Generated by:	JRS
Approved by:	TDR
Date:	12/08/09
PROJECT No. 09-1379	

12/08/09 LBA 1379

## **APPENDIX A**

### **Analytical Results with Chain-of-Custody Documentation**



HOUSTON LABORATORY  
8880 INTERCHANGE DRIVE  
HOUSTON, TX 77054  
(713) 660-0901

**Greyhound Lines Inc.**

Certificate of Analysis Number:

**09100376**

<b>Report To:</b>  Green Star Environmental, LLC Trent Ripley 354 McDonnell Street, Suite 9  Lewisville TX 75057- ph (214) 222-8752      fax:	<b>Project Name:</b> 09-1379 / GLI Oakland <b>Site:</b> 2103 San Pablo Avenue <b>Site Address:</b>  <b>PO Number:</b> <b>State:</b> California <b>State Cert. No.:</b> 01142CA <b>Date Reported:</b>
--	---

This Report Contains A Total Of 36 Pages

Excluding This Page

And

Chain Of Custody

10/15/2009

Alisha C. Rodriguez  
Project Manager

Date



HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Case Narrative for:  
**Greyhound Lines Inc.**

Certificate of Analysis Number:  
**09100376**

<p><b>Report To:</b></p> <p><b>Green Star Environmental, LLC</b>  <b>Trent Ripley</b>  <b>354 McDonnell Street, Suite 9</b></p> <p><b>Lewisville</b>  <b>TX</b>  <b>75057-</b>  <b>ph (214) 222-8752      fax:</b></p>	<p><b>Project Name:</b>      <b>09-1379 / GLI Oakland</b></p> <p><b>Site:</b>                      <b>2103 San Pablo Avenue</b></p> <p><b>Site Address:</b></p> <p><b>PO Number:</b></p> <p><b>State:</b>                      <b>California</b></p> <p><b>State Cert. No.:</b>      <b>01142CA</b></p> <p><b>Date Reported:</b></p>
--	--

**SAMPLE RECEIPT:**

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

**ANALYSIS AND EXCEPTIONS:**

SW8015B - Diesel Range Organics analysis:

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted for Batch ID: 94526. A Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) were extracted with the analytical batch and serve as the batch quality control (QC). The LCS and LCSD recovered acceptably and precision criteria were met.

**GENERAL REPORTING COMMENTS:**

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or by his designee, as verified by the following signature.

*Alisha C. Rodriguez*

09100376 Page 1  
 10/15/2009

Alisha C. Rodriguez  
 Project Manager

Test results meet all requirements of NELAC, unless specified in the narrative.

Date



HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

**Greyhound Lines Inc.**

**Certificate of Analysis Number:**

**09100376**

**Report To:** Green Star Environmental, LLC  
 Trent Ripley  
 354 McDonnell Street, Suite 9

Lewisville

TX

75057-

ph (214) 222-8752

fax: (214) 222-8762

**Fax To:**

**Project Name:** 09-1379 / GLI Oakland

**Site:** 2103 San Pablo Avenue

**Site Address:**

**PO Number:**

**State:** California

**State Cert. No.:** 01142CA

**Date Reported:**

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
Trip Blank 1	09100376-01	Water	10/6/2009	10/8/2009 9:00:00 AM	323661	<input checked="" type="checkbox"/>
ES-8	09100376-02	Water	10/6/2009 3:17:00 PM	10/8/2009 9:00:00 AM	323661	<input type="checkbox"/>
ES-9	09100376-03	Water	10/6/2009 4:29:00 PM	10/8/2009 9:00:00 AM	323661	<input type="checkbox"/>
ES-7	09100376-04	Water	10/6/2009 5:28:00 PM	10/8/2009 9:00:00 AM	323661	<input type="checkbox"/>
ES-6	09100376-05	Water	10/6/2009 6:06:00 PM	10/8/2009 9:00:00 AM	323661	<input type="checkbox"/>
Trip Blank 2	09100376-06	Water	10/7/2009	10/8/2009 9:00:00 AM	323661	<input checked="" type="checkbox"/>
Trip Blank 2	09100376-06	Water	10/7/2009	10/8/2009 9:00:00 AM	323661	<input type="checkbox"/>
ES-11	09100376-07	Water	10/7/2009 7:59:00 AM	10/8/2009 9:00:00 AM	323661	<input type="checkbox"/>
ES-4	09100376-08	Water	10/7/2009 8:54:00 AM	10/8/2009 9:00:00 AM	323661	<input type="checkbox"/>
ES-3	09100376-09	Water	10/7/2009 10:10:00 AM	10/8/2009 9:00:00 AM	323661	<input type="checkbox"/>
ES-1	09100376-10	Water	10/7/2009 10:55:00 AM	10/8/2009 9:00:00 AM	323661	<input type="checkbox"/>
BC-3	09100376-11	Water	10/7/2009 11:35:00 AM	10/8/2009 9:00:00 AM	323659	<input type="checkbox"/>
Trip Blank 3	09100376-12	Water	10/7/2009	10/8/2009 9:00:00 AM	323659	<input checked="" type="checkbox"/>
Trip Blank 3	09100376-12	Water	10/7/2009	10/8/2009 9:00:00 AM	323659	<input type="checkbox"/>
BC-1	09100376-13	Water	10/7/2009 12:17:00 PM	10/8/2009 9:00:00 AM	323659	<input type="checkbox"/>
ES-5	09100376-14	Water	10/7/2009 12:54:00 PM	10/8/2009 9:00:00 AM	323659	<input type="checkbox"/>
ES-2	09100376-15	Water	10/7/2009 1:26:00 PM	10/8/2009 9:00:00 AM	323659	<input type="checkbox"/>

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

10/15/2009

Date

Kesavalu M. Bagawandoss Ph.D., J.D.

Laboratory Director

Ted Yen

Quality Assurance Officer



HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-8

Collected: 10/06/2009 15:17 SPL Sample ID: 09100376-02

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	0.27		0.02	0.05	1	10/09/09 21:31	NW	5240656
Motor Oil	0.17		0.029	0.05	1	10/09/09 21:31	NW	5240656
Surr: n-Pentacosane	57.0		0	% 20-150	1	10/09/09 21:31	NW	5240656

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
 J - Estimated Value between MDL and PQL  
 \* - Surrogate Recovery Outside Advisable QC Limits  
 E - Concentrations exceeding Calibration range of Instrument  
 B/V - Analyte detected in the associated Method Blank above Rep.Limit  
 >MCL - Result Over Maximum Contamination Limit(MCL)  
 D - Surrogate Recovery Unreportable due to Dilution  
 MI - Matrix Interference  
 TNTC - Too numerous to count



HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-8

Collected: 10/06/2009 15:17 SPL Sample ID: 09100376-02

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B</b>	<b>Units: ug/L</b>	
1,2-Dibromoethane	ND		0.17	1	1	10/12/09 15:44	DY	5243250
1,2-Dichloroethane	ND		0.23	1	1	10/12/09 15:44	DY	5243250
Benzene	6.5		0.1	1	1	10/12/09 15:44	DY	5243250
Diisopropyl Ether	36		0.15	1	1	10/12/09 15:44	DY	5243250
Ethanol	ND		74	500	1	10/12/09 15:44	DY	5243250
Ethyl tert-butyl ether	ND		0.14	10	1	10/12/09 15:44	DY	5243250
Ethylbenzene	0.64	J	0.15	1	1	10/12/09 15:44	DY	5243250
Gasoline Range Organics	1900		16	50	1	10/12/09 15:44	DY	5243250
Methyl tert-butyl ether	ND		0.32	1	1	10/12/09 15:44	DY	5243250
Naphthalene	0.17	J	0.11	1	1	10/12/09 15:44	DY	5243250
t-Butyl Alcohol	ND		17	25	1	10/12/09 15:44	DY	5243250
tert-Amyl methyl ether	ND		0.14	1	1	10/12/09 15:44	DY	5243250
Toluene	0.91	J	0.29	1	1	10/12/09 15:44	DY	5243250
m,p-Xylene	1.2	J	0.18	2	1	10/12/09 15:44	DY	5243250
o-Xylene	0.27	J	0.13	1	1	10/12/09 15:44	DY	5243250
Xylenes, Total	1.47	J	0.13	1	1	10/12/09 15:44	DY	5243250
Surr: 1,2-Dichloroethane-d4	90.8		0	% 71-140	1	10/12/09 15:44	DY	5243250
Surr: 4-Bromofluorobenzene	105		0	% 70-130	1	10/12/09 15:44	DY	5243250
Surr: Toluene-d8	96.5		0	% 61-121	1	10/12/09 15:44	DY	5243250

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
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Client Sample ID ES-9 Collected: 10/06/2009 16:29 SPL Sample ID: 09100376-03

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	0.027	J	0.02	0.05	1	10/09/09 21:51	NW	5240657
Motor Oil	0.052		0.029	0.05	1	10/09/09 21:51	NW	5240657
Surr: n-Pentacosane	85.0		0	% 20-150	1	10/09/09 21:51	NW	5240657

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-9

Collected: 10/06/2009 16:29 SPL Sample ID: 09100376-03

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B</b>	<b>Units: ug/L</b>	
1,2-Dibromoethane	ND		0.17	1	1	10/12/09 16:05	DY	5243251
1,2-Dichloroethane	ND		0.23	1	1	10/12/09 16:05	DY	5243251
Benzene	ND		0.1	1	1	10/12/09 16:05	DY	5243251
Diisopropyl Ether	0.51	J	0.15	1	1	10/12/09 16:05	DY	5243251
Ethanol	ND		74	500	1	10/12/09 16:05	DY	5243251
Ethyl tert-butyl ether	ND		0.14	10	1	10/12/09 16:05	DY	5243251
Ethylbenzene	ND		0.15	1	1	10/12/09 16:05	DY	5243251
Gasoline Range Organics	22	J	16	50	1	10/12/09 16:05	DY	5243251
Methyl tert-butyl ether	ND		0.32	1	1	10/12/09 16:05	DY	5243251
Naphthalene	ND		0.11	1	1	10/12/09 16:05	DY	5243251
t-Butyl Alcohol	ND		17	25	1	10/12/09 16:05	DY	5243251
tert-Amyl methyl ether	ND		0.14	1	1	10/12/09 16:05	DY	5243251
Toluene	ND		0.29	1	1	10/12/09 16:05	DY	5243251
m,p-Xylene	0.21	J	0.18	2	1	10/12/09 16:05	DY	5243251
o-Xylene	ND		0.13	1	1	10/12/09 16:05	DY	5243251
Xylenes, Total	0.21	J	0.13	1	1	10/12/09 16:05	DY	5243251
Surr: 1,2-Dichloroethane-d4	89.8		0	% 71-140	1	10/12/09 16:05	DY	5243251
Surr: 4-Bromofluorobenzene	100		0	% 70-130	1	10/12/09 16:05	DY	5243251
Surr: Toluene-d8	99.7		0	% 61-121	1	10/12/09 16:05	DY	5243251

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
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Client Sample ID ES-7

Collected: 10/06/2009 17:28 SPL Sample ID: 09100376-04

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	ND		0.02	0.05	1	10/09/09 22:12	NW	5240658
Motor Oil	0.041	J	0.029	0.05	1	10/09/09 22:12	NW	5240658
Surr: n-Pentacosane	67.6		0	% 20-150	1	10/09/09 22:12	NW	5240658

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-7

Collected: 10/06/2009 17:28 SPL Sample ID: 09100376-04

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B Units: ug/L</b>		
1,2-Dibromoethane	ND		0.17	1	1	10/12/09 16:27	DY	5243252
1,2-Dichloroethane	ND		0.23	1	1	10/12/09 16:27	DY	5243252
Benzene	ND		0.1	1	1	10/12/09 16:27	DY	5243252
Diisopropyl Ether	ND		0.15	1	1	10/12/09 16:27	DY	5243252
Ethanol	ND		74	500	1	10/12/09 16:27	DY	5243252
Ethyl tert-butyl ether	ND		0.14	10	1	10/12/09 16:27	DY	5243252
Ethylbenzene	ND		0.15	1	1	10/12/09 16:27	DY	5243252
Gasoline Range Organics	24	J	16	50	1	10/12/09 16:27	DY	5243252
Methyl tert-butyl ether	ND		0.32	1	1	10/12/09 16:27	DY	5243252
Naphthalene	ND		0.11	1	1	10/12/09 16:27	DY	5243252
t-Butyl Alcohol	ND		17	25	1	10/12/09 16:27	DY	5243252
tert-Amyl methyl ether	ND		0.14	1	1	10/12/09 16:27	DY	5243252
Toluene	ND		0.29	1	1	10/12/09 16:27	DY	5243252
m,p-Xylene	ND		0.18	2	1	10/12/09 16:27	DY	5243252
o-Xylene	ND		0.13	1	1	10/12/09 16:27	DY	5243252
Xylenes, Total	ND		0.13	1	1	10/12/09 16:27	DY	5243252
Surr: 1,2-Dichloroethane-d4	92.4		0	% 71-140	1	10/12/09 16:27	DY	5243252
Surr: 4-Bromofluorobenzene	101		0	% 70-130	1	10/12/09 16:27	DY	5243252
Surr: Toluene-d8	97.9		0	% 61-121	1	10/12/09 16:27	DY	5243252

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-6 Collected: 10/06/2009 18:06 SPL Sample ID: 09100376-05

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	0.03	J	0.02	0.05	1	10/09/09 22:32	NW	5240659
Motor Oil	0.034	J	0.029	0.05	1	10/09/09 22:32	NW	5240659
Surr: n-Pentacosane	60.8		0	% 20-150	1	10/09/09 22:32	NW	5240659

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-6

Collected: 10/06/2009 18:06 SPL Sample ID: 09100376-05

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B</b>	<b>Units: ug/L</b>	
1,2-Dibromoethane	ND		0.17	1	1	10/12/09 16:48	DY	5243253
1,2-Dichloroethane	ND		0.23	1	1	10/12/09 16:48	DY	5243253
Benzene	ND		0.1	1	1	10/12/09 16:48	DY	5243253
Diisopropyl Ether	0.38	J	0.15	1	1	10/12/09 16:48	DY	5243253
Ethanol	ND		74	500	1	10/12/09 16:48	DY	5243253
Ethyl tert-butyl ether	ND		0.14	10	1	10/12/09 16:48	DY	5243253
Ethylbenzene	ND		0.15	1	1	10/12/09 16:48	DY	5243253
Gasoline Range Organics	17	J	16	50	1	10/12/09 16:48	DY	5243253
Methyl tert-butyl ether	ND		0.32	1	1	10/12/09 16:48	DY	5243253
Naphthalene	ND		0.11	1	1	10/12/09 16:48	DY	5243253
t-Butyl Alcohol	ND		17	25	1	10/12/09 16:48	DY	5243253
tert-Amyl methyl ether	ND		0.14	1	1	10/12/09 16:48	DY	5243253
Toluene	ND		0.29	1	1	10/12/09 16:48	DY	5243253
m,p-Xylene	ND		0.18	2	1	10/12/09 16:48	DY	5243253
o-Xylene	ND		0.13	1	1	10/12/09 16:48	DY	5243253
Xylenes, Total	ND		0.13	1	1	10/12/09 16:48	DY	5243253
Surr: 1,2-Dichloroethane-d4	93.4		0	% 71-140	1	10/12/09 16:48	DY	5243253
Surr: 4-Bromofluorobenzene	102		0	% 70-130	1	10/12/09 16:48	DY	5243253
Surr: Toluene-d8	100		0	% 61-121	1	10/12/09 16:48	DY	5243253

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-11 Collected: 10/07/2009 7:59 SPL Sample ID: 09100376-07

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	ND		0.02	0.05	1	10/09/09 22:52	NW	5240660
Motor Oil	ND		0.029	0.05	1	10/09/09 22:52	NW	5240660
Surr: n-Pentacosane	64.8		0	% 20-150	1	10/09/09 22:52	NW	5240660

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-11

Collected: 10/07/2009 7:59

SPL Sample ID: 09100376-07

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B Units: ug/L</b>		
1,2-Dibromoethane	ND		0.17	1	1	10/12/09 17:09	DY	5243254
1,2-Dichloroethane	ND		0.23	1	1	10/12/09 17:09	DY	5243254
Benzene	ND		0.1	1	1	10/12/09 17:09	DY	5243254
Diisopropyl Ether	ND		0.15	1	1	10/12/09 17:09	DY	5243254
Ethanol	ND		74	500	1	10/12/09 17:09	DY	5243254
Ethyl tert-butyl ether	ND		0.14	10	1	10/12/09 17:09	DY	5243254
Ethylbenzene	ND		0.15	1	1	10/12/09 17:09	DY	5243254
Gasoline Range Organics	ND		16	50	1	10/12/09 17:09	DY	5243254
Methyl tert-butyl ether	ND		0.32	1	1	10/12/09 17:09	DY	5243254
Naphthalene	ND		0.11	1	1	10/12/09 17:09	DY	5243254
t-Butyl Alcohol	ND		17	25	1	10/12/09 17:09	DY	5243254
tert-Amyl methyl ether	ND		0.14	1	1	10/12/09 17:09	DY	5243254
Toluene	ND		0.29	1	1	10/12/09 17:09	DY	5243254
m,p-Xylene	ND		0.18	2	1	10/12/09 17:09	DY	5243254
o-Xylene	ND		0.13	1	1	10/12/09 17:09	DY	5243254
Xylenes, Total	ND		0.13	1	1	10/12/09 17:09	DY	5243254
Surr: 1,2-Dichloroethane-d4	92.7		0	% 71-140	1	10/12/09 17:09	DY	5243254
Surr: 4-Bromofluorobenzene	99.5		0	% 70-130	1	10/12/09 17:09	DY	5243254
Surr: Toluene-d8	99.9		0	% 61-121	1	10/12/09 17:09	DY	5243254

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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 TNTC - Too numerous to count



HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-4 Collected: 10/07/2009 8:54 SPL Sample ID: 09100376-08

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	0.081		0.02	0.05	1	10/09/09 23:13	NW	5240661
Motor Oil	ND		0.029	0.05	1	10/09/09 23:13	NW	5240661
Surr: n-Pentacosane	77.2		0	% 20-150	1	10/09/09 23:13	NW	5240661

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-4

Collected: 10/07/2009 8:54

SPL Sample ID: 09100376-08

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B</b>	<b>Units: ug/L</b>	
1,2-Dibromoethane	ND		0.17	1	1	10/12/09 17:33	DY	5243255
1,2-Dichloroethane	ND		0.23	1	1	10/12/09 17:33	DY	5243255
Benzene	0.15	J	0.1	1	1	10/12/09 17:33	DY	5243255
Diisopropyl Ether	14		0.15	1	1	10/12/09 17:33	DY	5243255
Ethanol	ND		74	500	1	10/12/09 17:33	DY	5243255
Ethyl tert-butyl ether	ND		0.14	10	1	10/12/09 17:33	DY	5243255
Ethylbenzene	0.17	J	0.15	1	1	10/12/09 17:33	DY	5243255
Gasoline Range Organics	310		16	50	1	10/12/09 17:33	DY	5243255
Methyl tert-butyl ether	ND		0.32	1	1	10/12/09 17:33	DY	5243255
Naphthalene	ND		0.11	1	1	10/12/09 17:33	DY	5243255
t-Butyl Alcohol	ND		17	25	1	10/12/09 17:33	DY	5243255
tert-Amyl methyl ether	ND		0.14	1	1	10/12/09 17:33	DY	5243255
Toluene	ND		0.29	1	1	10/12/09 17:33	DY	5243255
m,p-Xylene	0.45	J	0.18	2	1	10/12/09 17:33	DY	5243255
o-Xylene	ND		0.13	1	1	10/12/09 17:33	DY	5243255
Xylenes, Total	0.45	J	0.13	1	1	10/12/09 17:33	DY	5243255
Surr: 1,2-Dichloroethane-d4	95.5		0	% 71-140	1	10/12/09 17:33	DY	5243255
Surr: 4-Bromofluorobenzene	104		0	% 70-130	1	10/12/09 17:33	DY	5243255
Surr: Toluene-d8	98.4		0	% 61-121	1	10/12/09 17:33	DY	5243255

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
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 (713) 660-0901

Client Sample ID ES-3

Collected: 10/07/2009 10:10 SPL Sample ID: 09100376-09

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	0.86		0.02	0.05	1	10/10/09 0:34	NW	5240663
Motor Oil	0.084		0.029	0.05	1	10/10/09 0:34	NW	5240663
Surr: n-Pentacosane	87.4		0	% 20-150	1	10/10/09 0:34	NW	5240663

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-3

Collected: 10/07/2009 10:10 SPL Sample ID: 09100376-09

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B Units: ug/L</b>		
1,2-Dibromoethane	ND		0.17	1	1	10/12/09 17:54	DY	5243256
1,2-Dichloroethane	0.81	J	0.23	1	1	10/12/09 17:54	DY	5243256
Benzene	250		0.5	5	5	10/13/09 14:14	DY	5244312
Diisopropyl Ether	100		0.15	1	1	10/12/09 17:54	DY	5243256
Ethanol	ND		74	500	1	10/12/09 17:54	DY	5243256
Ethyl tert-butyl ether	ND		0.14	10	1	10/12/09 17:54	DY	5243256
Ethylbenzene	42		0.15	1	1	10/12/09 17:54	DY	5243256
Gasoline Range Organics	4700		82	250	5	10/13/09 14:14	DY	5244312
Methyl tert-butyl ether	ND		0.32	1	1	10/12/09 17:54	DY	5243256
Naphthalene	35		0.11	1	1	10/12/09 17:54	DY	5243256
t-Butyl Alcohol	ND		17	25	1	10/12/09 17:54	DY	5243256
tert-Amyl methyl ether	ND		0.14	1	1	10/12/09 17:54	DY	5243256
Toluene	28		0.29	1	1	10/12/09 17:54	DY	5243256
m,p-Xylene	93		0.18	2	1	10/12/09 17:54	DY	5243256
o-Xylene	12		0.13	1	1	10/12/09 17:54	DY	5243256
Xylenes, Total	105		0.13	1	1	10/12/09 17:54	DY	5243256
Surr: 1,2-Dichloroethane-d4	94.1		0	% 71-140	1	10/12/09 17:54	DY	5243256
Surr: 1,2-Dichloroethane-d4	87.9		0	% 71-140	5	10/13/09 14:14	DY	5244312
Surr: 4-Bromofluorobenzene	114		0	% 70-130	1	10/12/09 17:54	DY	5243256
Surr: 4-Bromofluorobenzene	102		0	% 70-130	5	10/13/09 14:14	DY	5244312
Surr: Toluene-d8	99.0		0	% 61-121	5	10/13/09 14:14	DY	5244312
Surr: Toluene-d8	102		0	% 61-121	1	10/12/09 17:54	DY	5243256

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-1 Collected: 10/07/2009 10:55 SPL Sample ID: 09100376-10

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	0.61		0.02	0.05	1	10/10/09 0:54	NW	5240664
Motor Oil	0.1		0.029	0.05	1	10/10/09 0:54	NW	5240664
Surr: n-Pentacosane	112		0	% 20-150	1	10/10/09 0:54	NW	5240664

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-1

Collected: 10/07/2009 10:55 SPL Sample ID: 09100376-10

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B</b>	<b>Units: ug/L</b>	
1,2-Dibromoethane	ND		0.17	1	1	10/12/09 18:36	DY	5243258
1,2-Dichloroethane	0.72	J	0.23	1	1	10/12/09 18:36	DY	5243258
Benzene	340		0.5	5	5	10/13/09 14:37	DY	5244313
Diisopropyl Ether	82		0.15	1	1	10/12/09 18:36	DY	5243258
Ethanol	ND		74	500	1	10/12/09 18:36	DY	5243258
Ethyl tert-butyl ether	ND		0.14	10	1	10/12/09 18:36	DY	5243258
Ethylbenzene	44		0.15	1	1	10/12/09 18:36	DY	5243258
Gasoline Range Organics	4100		82	250	5	10/13/09 14:37	DY	5244313
Methyl tert-butyl ether	ND		0.32	1	1	10/12/09 18:36	DY	5243258
Naphthalene	37		0.11	1	1	10/12/09 18:36	DY	5243258
t-Butyl Alcohol	ND		17	25	1	10/12/09 18:36	DY	5243258
tert-Amyl methyl ether	ND		0.14	1	1	10/12/09 18:36	DY	5243258
Toluene	36		0.29	1	1	10/12/09 18:36	DY	5243258
m,p-Xylene	42		0.18	2	1	10/12/09 18:36	DY	5243258
o-Xylene	11		0.13	1	1	10/12/09 18:36	DY	5243258
Xylenes, Total	53		0.13	1	1	10/12/09 18:36	DY	5243258
Surr: 1,2-Dichloroethane-d4	92.8		0	% 71-140	1	10/12/09 18:36	DY	5243258
Surr: 1,2-Dichloroethane-d4	88.9		0	% 71-140	5	10/13/09 14:37	DY	5244313
Surr: 4-Bromofluorobenzene	105		0	% 70-130	1	10/12/09 18:36	DY	5243258
Surr: 4-Bromofluorobenzene	102		0	% 70-130	5	10/13/09 14:37	DY	5244313
Surr: Toluene-d8	98.1		0	% 61-121	5	10/13/09 14:37	DY	5244313
Surr: Toluene-d8	99.6		0	% 61-121	1	10/12/09 18:36	DY	5243258

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID BC-3

Collected: 10/07/2009 11:35 SPL Sample ID: 09100376-11

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	0.058		0.02	0.05	1	10/10/09 1:15	NW	5240665
Motor Oil	0.11		0.029	0.05	1	10/10/09 1:15	NW	5240665
Surr: n-Pentacosane	99.2		0	% 20-150	1	10/10/09 1:15	NW	5240665

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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 8880 INTERCHANGE DRIVE  
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Client Sample ID BC-3

Collected: 10/07/2009 11:35 SPL Sample ID: 09100376-11

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B Units: ug/L</b>		
1,2-Dibromoethane	ND		0.17	1	1	10/13/09 13:51	DY	5244311
1,2-Dichloroethane	ND		0.23	1	1	10/13/09 13:51	DY	5244311
Benzene	2.7		0.1	1	1	10/13/09 13:51	DY	5244311
Diisopropyl Ether	0.35	J	0.15	1	1	10/13/09 13:51	DY	5244311
Ethanol	ND		74	500	1	10/13/09 13:51	DY	5244311
Ethyl tert-butyl ether	ND		0.14	10	1	10/13/09 13:51	DY	5244311
Ethylbenzene	0.23	J	0.15	1	1	10/13/09 13:51	DY	5244311
Gasoline Range Organics	25	J	16	50	1	10/13/09 13:51	DY	5244311
Methyl tert-butyl ether	ND		0.32	1	1	10/13/09 13:51	DY	5244311
Naphthalene	0.17	J	0.11	1	1	10/13/09 13:51	DY	5244311
t-Butyl Alcohol	ND		17	25	1	10/13/09 13:51	DY	5244311
tert-Amyl methyl ether	ND		0.14	1	1	10/13/09 13:51	DY	5244311
Toluene	0.31	J	0.29	1	1	10/13/09 13:51	DY	5244311
m,p-Xylene	0.41	J	0.18	2	1	10/13/09 13:51	DY	5244311
o-Xylene	ND		0.13	1	1	10/13/09 13:51	DY	5244311
Xylenes, Total	0.41	J	0.13	1	1	10/13/09 13:51	DY	5244311
Surr: 1,2-Dichloroethane-d4	89.1		0	% 71-140	1	10/13/09 13:51	DY	5244311
Surr: 4-Bromofluorobenzene	102		0	% 70-130	1	10/13/09 13:51	DY	5244311
Surr: Toluene-d8	99.7		0	% 61-121	1	10/13/09 13:51	DY	5244311

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID BC-1

Collected: 10/07/2009 12:17 SPL Sample ID: 09100376-13

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	0.63		0.02	0.05	1	10/10/09 1:35	NW	5240666
Motor Oil	0.064		0.029	0.05	1	10/10/09 1:35	NW	5240666
Surr: n-Pentacosane	100		0	% 20-150	1	10/10/09 1:35	NW	5240666

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID BC-1

Collected: 10/07/2009 12:17 SPL Sample ID: 09100376-13

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B</b>	<b>Units: ug/L</b>	
1,2-Dibromoethane	ND		0.17	1	1	10/12/09 18:15	DY	5243257
1,2-Dichloroethane	ND		0.23	1	1	10/12/09 18:15	DY	5243257
Benzene	230		0.5	5	5	10/13/09 14:59	DY	5244314
Diisopropyl Ether	60		0.15	1	1	10/12/09 18:15	DY	5243257
Ethanol	ND		74	500	1	10/12/09 18:15	DY	5243257
Ethyl tert-butyl ether	ND		0.14	10	1	10/12/09 18:15	DY	5243257
Ethylbenzene	45		0.15	1	1	10/12/09 18:15	DY	5243257
Gasoline Range Organics	3700		82	250	5	10/13/09 14:59	DY	5244314
Methyl tert-butyl ether	ND		0.32	1	1	10/12/09 18:15	DY	5243257
Naphthalene	23		0.11	1	1	10/12/09 18:15	DY	5243257
t-Butyl Alcohol	ND		17	25	1	10/12/09 18:15	DY	5243257
tert-Amyl methyl ether	ND		0.14	1	1	10/12/09 18:15	DY	5243257
Toluene	34		0.29	1	1	10/12/09 18:15	DY	5243257
m,p-Xylene	55		0.18	2	1	10/12/09 18:15	DY	5243257
o-Xylene	6.5		0.13	1	1	10/12/09 18:15	DY	5243257
Xylenes, Total	61.5		0.13	1	1	10/12/09 18:15	DY	5243257
Surr: 1,2-Dichloroethane-d4	90.0		0	% 71-140	1	10/12/09 18:15	DY	5243257
Surr: 1,2-Dichloroethane-d4	87.8		0	% 71-140	5	10/13/09 14:59	DY	5244314
Surr: 4-Bromofluorobenzene	98.5		0	% 70-130	1	10/12/09 18:15	DY	5243257
Surr: 4-Bromofluorobenzene	99.9		0	% 70-130	5	10/13/09 14:59	DY	5244314
Surr: Toluene-d8	99.7		0	% 61-121	5	10/13/09 14:59	DY	5244314
Surr: Toluene-d8	97.7		0	% 61-121	1	10/12/09 18:15	DY	5243257

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-5

Collected: 10/07/2009 12:54 SPL Sample ID: 09100376-14

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	1.5		0.02	0.05	1	10/10/09 1:55	NW	5240667
Motor Oil	0.14		0.029	0.05	1	10/10/09 1:55	NW	5240667
Surr: n-Pentacosane	97.6		0	% 20-150	1	10/10/09 1:55	NW	5240667

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
 J - Estimated Value between MDL and PQL  
 \* - Surrogate Recovery Outside Advisable QC Limits  
 E - Concentrations exceeding Calibration range of Instrument  
 B/V - Analyte detected in the associated Method Blank above Rep.Limit

>MCL - Result Over Maximum Contamination Limit(MCL)  
 D - Surrogate Recovery Unreportable due to Dilution  
 MI - Matrix Interference  
 TNTC - Too numerous to count



HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-5

Collected: 10/07/2009 12:54 SPL Sample ID: 09100376-14

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B Units: ug/L</b>		
1,2-Dibromoethane	ND		1.7	10	10	10/12/09 19:20	DY	5243259
1,2-Dichloroethane	ND		2.3	10	10	10/12/09 19:20	DY	5243259
Benzene	710		1	10	10	10/12/09 19:20	DY	5243259
Diisopropyl Ether	68		1.5	10	10	10/12/09 19:20	DY	5243259
Ethanol	ND		740	5000	10	10/12/09 19:20	DY	5243259
Ethyl tert-butyl ether	ND		1.4	100	10	10/12/09 19:20	DY	5243259
Ethylbenzene	440		1.5	10	10	10/12/09 19:20	DY	5243259
Gasoline Range Organics	12000		160	500	10	10/12/09 19:20	DY	5243259
Methyl tert-butyl ether	ND		3.2	10	10	10/12/09 19:20	DY	5243259
Naphthalene	160		1.1	10	10	10/12/09 19:20	DY	5243259
t-Butyl Alcohol	ND		170	250	10	10/12/09 19:20	DY	5243259
tert-Amyl methyl ether	ND		1.4	10	10	10/12/09 19:20	DY	5243259
Toluene	190		2.9	10	10	10/12/09 19:20	DY	5243259
m,p-Xylene	330		1.8	20	10	10/12/09 19:20	DY	5243259
o-Xylene	43		1.3	10	10	10/12/09 19:20	DY	5243259
Xylenes, Total	373		1.3	10	10	10/12/09 19:20	DY	5243259
Surr: 1,2-Dichloroethane-d4	94.6		0	% 71-140	10	10/12/09 19:20	DY	5243259
Surr: 4-Bromofluorobenzene	106		0	% 70-130	10	10/12/09 19:20	DY	5243259
Surr: Toluene-d8	97.1		0	% 61-121	10	10/12/09 19:20	DY	5243259

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
 J - Estimated Value between MDL and PQL  
 \* - Surrogate Recovery Outside Advisable QC Limits  
 E - Concentrations exceeding Calibration range of Instrument  
 B/V - Analyte detected in the associated Method Blank above Rep.Limit

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 D - Surrogate Recovery Unreportable due to Dilution  
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 TNTC - Too numerous to count



HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
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Client Sample ID ES-2

Collected: 10/07/2009 13:26 SPL Sample ID: 09100376-15

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>DIESEL RANGE ORGANICS</b>					<b>MCL</b>	<b>SW8015B Units: mg/L</b>		
Diesel Range Organics	1.1		0.02	0.05	1	10/10/09 2:16	NW	5240668
Motor Oil	0.098		0.029	0.05	1	10/10/09 2:16	NW	5240668
Surr: n-Pentacosane	101		0	% 20-150	1	10/10/09 2:16	NW	5240668

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/09/2009 14:19	N_M	1.00

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
 J - Estimated Value between MDL and PQL  
 \* - Surrogate Recovery Outside Advisable QC Limits  
 E - Concentrations exceeding Calibration range of Instrument  
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HOUSTON LABORATORY  
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 HOUSTON, TX 77054  
 (713) 660-0901

Client Sample ID ES-2

Collected: 10/07/2009 13:26 SPL Sample ID: 09100376-15

Site: 2103 San Pablo Avenue

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>VOLATILE ORGANICS BY METHOD 8260B</b>					<b>MCL</b>	<b>SW8260B Units: ug/L</b>		
1,2-Dibromoethane	ND		0.17	1	1	10/13/09 16:05	DY	5244317
1,2-Dichloroethane	ND		0.23	1	1	10/13/09 16:05	DY	5244317
Benzene	730		0.5	5	5	10/13/09 15:22	DY	5244315
Diisopropyl Ether	85		0.15	1	1	10/13/09 16:05	DY	5244317
Ethanol	ND		74	500	1	10/13/09 16:05	DY	5244317
Ethyl tert-butyl ether	ND		0.14	10	1	10/13/09 16:05	DY	5244317
Ethylbenzene	30		0.15	1	1	10/13/09 16:05	DY	5244317
Gasoline Range Organics	6000		82	250	5	10/13/09 15:22	DY	5244315
Methyl tert-butyl ether	ND		0.32	1	1	10/13/09 16:05	DY	5244317
Naphthalene	3.7		0.11	1	1	10/13/09 16:05	DY	5244317
t-Butyl Alcohol	ND		17	25	1	10/13/09 16:05	DY	5244317
tert-Amyl methyl ether	ND		0.14	1	1	10/13/09 16:05	DY	5244317
Toluene	61		0.29	1	1	10/13/09 16:05	DY	5244317
m,p-Xylene	78		0.18	2	1	10/13/09 16:05	DY	5244317
o-Xylene	12		0.13	1	1	10/13/09 16:05	DY	5244317
Xylenes, Total	90		0.13	1	1	10/13/09 16:05	DY	5244317
Surr: 1,2-Dichloroethane-d4	87.0		0	% 71-140	1	10/13/09 16:05	DY	5244317
Surr: 1,2-Dichloroethane-d4	90.0		0	% 71-140	5	10/13/09 15:22	DY	5244315
Surr: 4-Bromofluorobenzene	102		0	% 70-130	1	10/13/09 16:05	DY	5244317
Surr: 4-Bromofluorobenzene	101		0	% 70-130	5	10/13/09 15:22	DY	5244315
Surr: Toluene-d8	98.4		0	% 61-121	1	10/13/09 16:05	DY	5244317
Surr: Toluene-d8	98.4		0	% 61-121	5	10/13/09 15:22	DY	5244315

*Alisha C. Rodriguez*

Alisha C. Rodriguez  
 Project Manager

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 E - Concentrations exceeding Calibration range of Instrument  
 B/V - Analyte detected in the associated Method Blank above Rep.Limit  
 >MCL - Result Over Maximum Contamination Limit(MCL)  
 D - Surrogate Recovery Unreportable due to Dilution  
 MI - Matrix Interference  
 TNTC - Too numerous to count

# *Quality Control Documentation*



HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

**Quality Control Report**

**Greyhound Lines Inc.**

09-1379 / GLI Oakland

**Analysis:** Diesel Range Organics  
**Method:** SW8015B

**WorkOrder:** 09100376  
**Lab Batch ID:** 94526

**Method Blank**

**Samples in Analytical Batch:**

RunID: HP\_V\_091009C-5240654 Units: mg/L  
 Analysis Date: 10/09/2009 20:10 Analyst: NW  
 Preparation Date: 10/09/2009 14:19 Prep By: N\_M Method SW3510C

Lab Sample ID	Client Sample ID
09100376-02C	ES-8
09100376-03C	ES-9
09100376-04C	ES-7
09100376-05C	ES-6
09100376-07C	ES-11
09100376-08C	ES-4
09100376-09C	ES-3
09100376-10C	ES-1
09100376-11C	BC-3
09100376-13C	BC-1
09100376-14C	ES-5
09100376-15C	ES-2

Analyte	Result	Qual	Rep Limit	MDL
Diesel Range Organics	ND		0.050	0.02
Motor Oil	ND		0.050	0.029
Surr: n-Pentacosane	66.6		20-150	0

**Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)**

RunID: HP\_V\_091009C-5240671 Units: mg/L  
 Analysis Date: 10/10/2009 9:44 Analyst: NW  
 Preparation Date: 10/09/2009 14:19 Prep By: N\_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics	1.00	0.939	93.9	1.00	0.971	97.1	3.4	20	21	175
Surr: n-Pentacosane	0.0500	0.0415	83.0	0.0500	0.0452	90.4	8.5	30	20	150

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
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 J - Estimated value between MDL and PQL  
 B/V - Analyte detected in the associated Method Blank  
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.  
 TNTC - Too numerous to count  
 MI - Matrix Interference  
 D - Recovery Unreportable due to Dilution  
 \* - Recovery Outside Advisable QC Limits



Quality Control Report

Greyhound Lines Inc.

09-1379 / GLI Oakland

Analysis: Volatile Organics by Method 8260B  
 Method: SW8260B

WorkOrder: 09100376  
 Lab Batch ID: R286220

Method Blank

Samples in Analytical Batch:

RunID: MSDVOA2\_091012B-5243248 Units: ug/L  
 Analysis Date: 10/12/2009 12:11 Analyst: DY

Lab Sample ID	Client Sample ID
09100376-02A	ES-8
09100376-03A	ES-9
09100376-04A	ES-7
09100376-05A	ES-6
09100376-07A	ES-11
09100376-08A	ES-4
09100376-09A	ES-3
09100376-10A	ES-1
09100376-13A	BC-1
09100376-14A	ES-5

Analyte	Result	Qual	Rep Limit	MDL
1,2-Dibromoethane	ND		1.0	0.17
1,2-Dichloroethane	ND		1.0	0.23
Benzene	ND		1.0	0.1
Diisopropyl Ether	ND		1.0	0.15
Ethanol	ND		500	74
Ethyl tert-butyl ether	ND		10	0.14
Ethylbenzene	ND		1.0	0.15
Gasoline Range Organics	ND		50	16
Methyl tert-butyl ether	ND		1.0	0.32
Naphthalene	ND		1.0	0.11
t-Butyl Alcohol	ND		25	17
tert-Amyl methyl ether	ND		1.0	0.14
Toluene	ND		1.0	0.29
m,p-Xylene	ND		2.0	0.18
o-Xylene	ND		1.0	0.13
Xylenes,Total	ND		1.0	0.13
Surr: 1,2-Dichloroethane-d4	90.9		71-140	0
Surr: 4-Bromofluorobenzene	101.2		70-130	0
Surr: Toluene-d8	98.7		61-121	0

Laboratory Control Sample (LCS)

RunID: MSDVOA2\_091012B-52432 Units: ug/L  
 Analysis Date: 10/12/2009 11:07 Analyst: DY

Analyte	Spike Added	Result	Percent Recovery	Qual	Lower Limit	Upper Limit
1,2-Dibromoethane	20.0	22.8	114		71	134
1,2-Dichloroethane	20.0	21.3	107		75	143
Benzene	20.0	18.8	94.0		70	130
Diisopropyl Ether	20.0	18.8	93.8		61	138
Ethanol	240	268	112	J	50	150
Ethyl tert-butyl ether	20.0	20.4	102		57	140
Ethylbenzene	20.0	21.5	108		70	130
Gasoline Range Organics	1750	1650	94.4		77	122
Methyl tert-butyl ether	20.0	19.8	98.8		60	140
Naphthalene	20.0	23.3	116		41	176

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
 E - Estimated Value exceeds calibration curve  
 J - Estimated value between MDL and PQL  
 B/V - Analyte detected in the associated Method Blank  
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.  
 TNTC - Too numerous to count  
 MI - Matrix Interference  
 D - Recovery Unreportable due to Dilution  
 \* - Recovery Outside Advisable QC Limits





HOUSTON LABORATORY  
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**Quality Control Report**

**Greyhound Lines Inc.**

09-1379 / GLI Oakland

**Analysis:** Volatile Organics by Method 8260B  
**Method:** SW8260B

**WorkOrder:** 09100376  
**Lab Batch ID:** R286220

**Laboratory Control Sample (LCS)**

RunID: MSDVOA2\_091012B-52432 Units: ug/L  
 Analysis Date: 10/12/2009 11:07 Analyst: DY

Analyte	Spike Added	Result	Percent Recovery	Qual	Lower Limit	Upper Limit
t-Butyl Alcohol	200	145	72.7		44	161
tert-Amyl methyl ether	20.0	20.3	102		60	139
Toluene	20.0	20.7	104		73	130
m,p-Xylene	40.0	44.5	111		70	130
o-Xylene	20.0	22.2	111		70	130
Xylenes, Total	60.0	66.7	111		70	130
Surr: 1,2-Dichloroethane-d4	50.0	46.6	93.1		71	140
Surr: 4-Bromofluorobenzene	50.0	51.2	102		70	130
Surr: Toluene-d8	50.0	50.1	100		61	121

**Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

Sample Spiked: 09100241-03  
 RunID: MSDVOA2\_091012B-52432 Units: ug/L  
 Analysis Date: 10/12/2009 20:25 Analyst: DY

Analyte	Sample Result	Smp Qual	MS Spike Added	MS Result	MS % Rcvry	MS Qual	MSD Spike Added	MSD Result	MSD % Rcvry	MSD Qual	RPD	RPD Qual	RPD Limit	Low Limit	High Limit
1,2-Dibromoethane	ND		20	24.4	122		20	22.1	110		10.1		20	64	142
1,2-Dichloroethane	ND		20	21.1	106		20	19.9	99.7		5.87		20	66	145
Benzene	ND		20	19.2	96.0		20	18.3	91.4		4.93		20	67	202
Diisopropyl Ether	ND		20	19.0	94.8		20	17.9	89.5		5.68		20	42	140
Ethanol	ND		240	301	125		240	312	130		3.87		20	50	150
Ethyl tert-butyl ether	ND		20	20.7	103		20	19.4	97.0		6.41		20	40	153
Ethylbenzene	ND		20	22.2	111		20	21.1	106		4.97		20	49	165
Gasoline Range Organics	ND		1750	1650	94.5		1750	1540	88.3		6.78		20	34	124
Methyl tert-butyl ether	ND		20	20.4	102		20	19.4	97.0		4.84		20	53	149
Naphthalene	ND		20	21.4	107		20	22.5	113		4.95		20	41	176
t-Butyl Alcohol	ND		200	189	94.3		200	167	83.7		11.9		20	42	200
tert-Amyl methyl ether	0.624	J	20	19.9	96.6		20	19.2	92.8		3.88		20	45	148
Toluene	ND		20	22.6	113		20	19.8	99.2		13.0		20	48	162
m,p-Xylene	ND		40	46.1	115		40	44.3	111		3.95		20	44	167

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
 E - Estimated Value exceeds calibration curve  
 J - Estimated value between MDL and PQL  
 B/V - Analyte detected in the associated Method Blank  
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.  
 TNTC - Too numerous to count  
 MI - Matrix Interference  
 D - Recovery Unreportable due to Dilution  
 \* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.



HOUSTON LABORATORY  
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 HOUSTON, TX 77054  
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Quality Control Report

Greyhound Lines Inc.

09-1379 / GLI Oakland

Analysis: Volatile Organics by Method 8260B  
 Method: SW8260B

WorkOrder: 09100376  
 Lab Batch ID: R286220

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09100241-03  
 RunID: MSDVOA2\_091012B-52432 Units: ug/L  
 Analysis Date: 10/12/2009 20:25 Analyst: DY

Analyte	Sample Result	Smp Qual	MS Spike Added	MS Result	MS % Rcvry	MS Qual	MSD Spike Added	MSD Result	MSD % Rcvry	MSD Qual	RPD	RPD Qual	RPD Limit	Low Limit	High Limit
o-Xylene	ND		20	22.8	114		20	21.8	109		4.44		20	54	158
Xylenes, Total	ND		60	68.9	115		60	66.1	110		4.11		20	44	167
Surr: 1,2-Dichloroethane-d4	ND		50	46.6	93.2		50	44.9	89.8		3.69		30	71	140
Surr: 4-Bromofluorobenzene	ND		50	51.4	103		50	51.0	102		0.663		30	70	130
Surr: Toluene-d8	ND		50	53.7	107		50	49.9	99.7		7.36		30	61	121

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
 E - Estimated Value exceeds calibration curve  
 J - Estimated value between MDL and PQL  
 B/V - Analyte detected in the associated Method Blank  
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.  
 TNTC - Too numerous to count  
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 D - Recovery Unreportable due to Dilution  
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**Quality Control Report**

**Greyhound Lines Inc.**

09-1379 / GLI Oakland

**Analysis:** Volatile Organics by Method 8260B  
**Method:** SW8260B

**WorkOrder:** 09100376  
**Lab Batch ID:** R286284

**Method Blank**

**Samples in Analytical Batch:**

RunID: MSDVOA2\_091013A-5244307 Units: ug/L  
 Analysis Date: 10/13/2009 12:27 Analyst: DY

Lab Sample ID	Client Sample ID
09100376-09A	ES-3
09100376-10A	ES-1
09100376-11A	BC-3
09100376-13A	BC-1
09100376-15A	ES-2

Analyte	Result	Qual	Rep Limit	MDL
1,2-Dibromoethane	ND		1.0	0.17
1,2-Dichloroethane	ND		1.0	0.23
Benzene	ND		1.0	0.1
Diisopropyl Ether	ND		1.0	0.15
Ethanol	ND		500	74
Ethyl tert-butyl ether	ND		10	0.14
Ethylbenzene	ND		1.0	0.15
Gasoline Range Organics	ND		50	16
Methyl tert-butyl ether	ND		1.0	0.32
Naphthalene	ND		1.0	0.11
t-Butyl Alcohol	ND		25	17
tert-Amyl methyl ether	ND		1.0	0.14
Toluene	ND		1.0	0.29
m,p-Xylene	ND		2.0	0.18
o-Xylene	ND		1.0	0.13
Xylenes,Total	ND		1.0	0.13
Surr: 1,2-Dichloroethane-d4	87.2		71-140	0
Surr: 4-Bromofluorobenzene	99.3		70-130	0
Surr: Toluene-d8	99.6		61-121	0

**Laboratory Control Sample (LCS)**

RunID: MSDVOA2\_091013A-52443 Units: ug/L  
 Analysis Date: 10/13/2009 11:23 Analyst: DY

Analyte	Spike Added	Result	Percent Recovery	Qual	Lower Limit	Upper Limit
1,2-Dibromoethane	20.0	22.7	113		71	134
1,2-Dichloroethane	20.0	20.4	102		75	143
Benzene	20.0	20.4	102		70	130
Diisopropyl Ether	20.0	19.4	96.8		61	138
Ethanol	240	305	127	J	50	150
Ethyl tert-butyl ether	20.0	21.0	105		57	140
Ethylbenzene	20.0	21.5	107		70	130
Gasoline Range Organics	1750	1650	94.5		77	122
Methyl tert-butyl ether	20.0	20.5	102		60	140
Naphthalene	20.0	22.9	115		41	176

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
 E - Estimated Value exceeds calibration curve  
 J - Estimated value between MDL and PQL  
 B/V - Analyte detected in the associated Method Blank  
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.  
 TNTC - Too numerous to count  
 MI - Matrix Interference  
 D - Recovery Unreportable due to Dilution  
 \* - Recovery Outside Advisable QC Limits



Quality Control Report

Greyhound Lines Inc.

09-1379 / GLI Oakland

Analysis: Volatile Organics by Method 8260B  
Method: SW8260B

WorkOrder: 09100376  
Lab Batch ID: R286284

Laboratory Control Sample (LCS)

RunID: MSDVOA2\_091013A-52443 Units: ug/L  
Analysis Date: 10/13/2009 11:23 Analyst: DY

Analyte	Spike Added	Result	Percent Recovery	Qual	Lower Limit	Upper Limit
t-Butyl Alcohol	200	158	79.2		44	161
tert-Amyl methyl ether	20.0	21.1	106		60	139
Toluene	20.0	20.9	104		73	130
m,p-Xylene	40.0	44.4	111		70	130
o-Xylene	20.0	21.9	109		70	130
Xylenes, Total	60.0	66.3	111		70	130
Surr: 1,2-Dichloroethane-d4	50.0	44.4	88.9		71	140
Surr: 4-Bromofluorobenzene	50.0	50.2	100		70	130
Surr: Toluene-d8	50.0	50	100		61	121

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09100382-01  
RunID: MSDVOA2\_091013A-52443 Units: ug/L  
Analysis Date: 10/13/2009 16:26 Analyst: DY

Analyte	Sample Result	Smp Qual	MS Spike Added	MS Result	MS % Rcvry	MS Qual	MSD Spike Added	MSD Result	MSD % Rcvry	MSD Qual	RPD	RPD Qual	RPD Limit	Low Limit	High Limit
1,2-Dibromoethane	ND		20	22.7	114		20	22.6	113		0.467		20	64	142
1,2-Dichloroethane	ND		20	19.7	98.6		20	18.9	94.4		4.34		20	66	145
Benzene	3.40		20	24.1	103		20	22.2	93.8		8.27		20	67	202
Diisopropyl Ether	0.486	J	20	19.3	94.2		20	18.5	90.0		4.47		20	42	140
Ethanol	ND		240	256	107		240	202	84.3		23.5	*	20	50	150
Ethyl tert-butyl ether	0.364	J	20	20.6	101		20	20.1	98.5		2.62		20	40	153
Ethylbenzene	4.66		20	26.7	110		20	25.2	103		5.71		20	49	165
Gasoline Range Organics	314		1750	1920	91.6		1750	1810	85.5		5.69		20	34	124
Methyl tert-butyl ether	14.2		20	34.9	103		20	33.9	98.4		2.90		20	53	149
Naphthalene	7.73		20	32.1	122		20	31.4	118		2.02		20	41	176
t-Butyl Alcohol	1290	E	200	1610	N/C		200	1510	N/C		N/C		20	42	200
tert-Amyl methyl ether	0.188	J	20	20.8	103		20	20.7	103		0.0173		20	45	148
Toluene	0.302	J	20	21.6	107		20	20.7	102		4.31		20	48	162
m,p-Xylene	0.310	J	40	46.1	115		40	43.5	108		5.96		20	44	167

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
E - Estimated Value exceeds calibration curve  
J - Estimated value between MDL and PQL  
B/V - Analyte detected in the associated Method Blank  
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.  
TNTC - Too numerous to count  
MI - Matrix Interference  
D - Recovery Unreportable due to Dilution  
\* - Recovery Outside Advisable QC Limits



HOUSTON LABORATORY  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

Quality Control Report

Greyhound Lines Inc.

09-1379 / GLI Oakland

Analysis: Volatile Organics by Method 8260B  
 Method: SW8260B

WorkOrder: 09100376  
 Lab Batch ID: R286284

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09100382-01  
 RunID: MSDVOA2\_091013A-52443 Units: ug/L  
 Analysis Date: 10/13/2009 16:26 Analyst: DY

Analyte	Sample Result	Smp Qual	MS Spike Added	MS Result	MS % Rcvry	MS Qual	MSD Spike Added	MSD Result	MSD % Rcvry	MSD Qual	RPD	RPD Qual	RPD Limit	Low Limit	High Limit
o-Xylene	0.477	J	20	23.2	113		20	21.9	107		5.68		20	54	158
Xylenes, Total	0.787	J	60	69.3	114		60	65.4	108		5.87		20	44	167
Surr: 1,2-Dichloroethane-d4	ND		50	43.6	87.2		50	43.1	86.2		1.07		30	71	140
Surr: 4-Bromofluorobenzene	ND		50	50.3	101		50	50.3	101		0.0600		30	70	130
Surr: Toluene-d8	ND		50	49.6	99.3		50	50.2	100		1.15		30	61	121

**Qualifiers:** ND/U - Not Detected at the Method Detection Limit  
 E - Estimated Value exceeds calibration curve  
 J - Estimated value between MDL and PQL  
 B/V - Analyte detected in the associated Method Blank  
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.  
 TNTC - Too numerous to count  
 MI - Matrix Interference  
 D - Recovery Unreportable due to Dilution  
 \* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

*Sample Receipt Checklist  
And  
Chain of Custody*



**HOUSTON LABORATORY**  
 8880 INTERCHANGE DRIVE  
 HOUSTON, TX 77054  
 (713) 660-0901

**Sample Receipt Checklist**

Workorder:	<b>09100376</b>	Received By:	<b>AMV</b>
Date and Time Received:	<b>10/8/2009 9:00:00 AM</b>	Carrier name:	<b>Fedex-Standard Overnight</b>
Temperature:	<b>3.8/2.3/4.9°C</b>	Chilled by:	<b>Water Ice</b>

- 1. Shipping container/cooler in good condition? Yes  No  Not Present   
869966300376-3.8c/ 869966300398-2.3c/ 869966300387-4.9c
- 2. Custody seals intact on shipping container/cooler? Yes  No  Not Present
- 3. Custody seals intact on sample bottles? Yes  No  Not Present
- 4. Chain of custody present? Yes  No
- 5. Chain of custody signed when relinquished and received? Yes  No
- 6. Chain of custody agrees with sample labels? Yes  No
- 7. Samples in proper container/bottle? Yes  No
- 8. Sample containers intact? Yes  No
- 9. Sufficient sample volume for indicated test? Yes  No
- 10. All samples received within holding time? Yes  No
- 11. Container/Temp Blank temperature in compliance? Yes  No
- 12. Water - VOA vials have zero headspace? Yes  No  VOA Vials Not Present
- 13. Water - Preservation checked upon receipt (except VOA\*)? Yes  No  Not Applicable

\*VOA Preservation Checked After Sample Analysis

---

SPL Representative:	<input type="text"/>	Contact Date & Time:	<input type="text"/>
Client Name Contacted:	<input type="text"/>		
Non Conformance Issues:	<input type="text"/>		
Client Instructions:	<input type="text"/>		



SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No.

19100376

323661

page 1 of 2

Client Name: Green Star Environmental  
 Address: 354 McDonnell St., Ste. 9  
 City Lewisville State TX Zip 75057  
 Phone/Fax: 214/222-8752 214/222-8762  
 Client Contact: Trent Ripley Email: tdriley@greenvstar.com  
 Project Name/No.: 09-1379 Environmental.com  
 Site Name: GLI Oakland  
 Site Location: 2103 San Pablo Avenue  
 Invoice To: Jane Weirich, GLI Ph:

matrix bottle size pres.  
 W=water S=soil O=oil A=air  
 SL=sludge E=encore X=other  
 P=plastic A=amber glass  
 G=glass V=vial X=other  
 1=1 liter 4=4oz 40=vial  
 8=8oz 16=16oz X=other  
 1=HCl 2=HNO3  
 3=H2SO4 X=other

Requested Analysis											
TPH DRG/EZL 8015	* VOC 8260 *	HOLD									
X											
X	X										
X	X										
X	X										
X	X										
X		X									
X	X										
X	X										
X	X										

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	TPH DRG/EZL 8015	* VOC 8260 *	HOLD
Trip Blank 1	10/06/09	PM		X	W	V	40	1	2			X
ES-8	10/06/09	1517		X	W	V/A	40/1	1/x	5	X	X	
ES-9	10/06/09	1029		X	W	V/A	40/1	1/x	5	X	X	
ES-7	10/06/09	<del>1728</del> 1728		X	W	V/A	40/1	1/x	5	X	X	
ES-6	10/06/09	1806		X	W	V/A	40/1	1/x	5	X	X	
Trip Blank 2	10/07/09	AM		X	W	V	40	1	2			X
ES-11	10/07/09	759		X	W	V/A	40/1	1/x	5	X	X	
ES-4	10/07/09	854		X	W	V/A	40/1	1/x	5	X	X	
ES-3	10/07/09	1010		X	W	V/A	40/1	1/x	5	X	X	
ES-1	10/07/09	1055		X	W	V/A	40/1	1/x	5	X	X	

Client/Consultant Remarks: \* VOCs to run: BTEX, naphthalene, MTBE, ETBE, TAME, DIPE, EDC, EOB, TBA, ETOH, GRO \*

Laboratory remarks:

Intact?  Y  N  
 Ice?  Y  N  
 Temp: 3.8/2.3/4.9

**Requested TAT**  
 1 Business Day  
 Contract  
 2 Business Days  
 Standard  
 3 Business Days  
 Other \_\_\_\_\_  
 Rush TAT requires prior notice

Special Reporting Requirements Results: Fax  Email  PDF   
 Standard QC  Level 3 QC  Level 4 QC  TX TRRP  LA RECAP   
 1. Relinquished by Sampler: John Sokos date 10/7/09 time 1540  
 2. Received by: Fed Ex  
 3. Relinquished by: date time  
 4. Received by:  
 5. Relinquished by: date 10/8/09 time 9:00  
 6. Received by Laboratory: Amanda Vicknair

Special Detection Limits (specify):  
 See Agnes Vicknair for specified limits  
 PM review (initial): AV

8880 Interchange Drive  
 Houston, TX 77054 (713) 660-0901

500 Ambassador Caffery Parkway  
 Scott, LA 70583 (337) 237-4775

459 Hughes Drive  
 Traverse City, MI 49686 (231) 947-5777





SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No.

09100376

323659

page 2 of 2

Client Name: Green Star Environmental  
 Address: 354 McDannell St, Ste 9  
 City Lewisville State TX Zip 75057  
 Phone/Fax: 214/222-8752 214/222-8762  
 Client Contact: Trent Ripley Email: tdripley@greenstar  
 Project Name/No.: 09-1379 environmental.com  
 Site Name: GLI Oakland  
 Site Location: 2103 San Pablo Avenue  
 Invoice To: Jam Weirich, GLI Ph:

matrix	bottle	size	pres.	Number of Containers	Requested Analysis																
					W=water S=soil O=oil A=air SL=sludge E=encore X=other	P=plastic G=glass	A=amber glass V=vial X=other	1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other	1=HCl 2=HNO3 3=H2SO4 X=other	TPH DRO/BEL 8015	VOC 8260 *	HOLD									
	W	1/4	1/2	5	X	X															
	W	Y	40	1	2						X										
	W	1/4	40	1/2	5	X	X														
	W	1/4	40	1/2	5	X	X														
	W	1/4	40	1/2	5	X	X														

Client/Consultant Remarks: \* VOCs Lorun: BTEX, MTBE, naphthalene, ETBE, TAMC, DICE, EOC, EOB, TBA, ETOH, GRO \*

Laboratory remarks:

Intact?  Y  N  
 Ice?  Y  N  
 Temp: 3.8/23/49

**Requested TAT**  
 1 Business Day  Contract  
 2 Business Days  Standard  
 3 Business Days  
 Other \_\_\_\_\_  
 Rush TAT requires prior notice

Special Reporting Requirements Results: Fax  Email  PDF   
 Standard QC  Level 3 QC  Level 4 QC  TX TRRP  LA RECAP   
 1. Relinquished by Sampler: John Stokes date 10/7/09 time 15:00  
 2. Received by: Fed Ex  
 3. Relinquished by: \_\_\_\_\_ date \_\_\_\_\_ time \_\_\_\_\_  
 4. Received by: \_\_\_\_\_  
 5. Relinquished by: \_\_\_\_\_ date 10/8/09 time 9:00  
 6. Received by Laboratory: Amanda Vicknair

Special Detection Limits (specify):  
See Agnes Vicknair for specified limits  
 PM review (initial): [Signature]

8880 Interchange Drive  
 Houston, TX 77054 (713) 660-0901

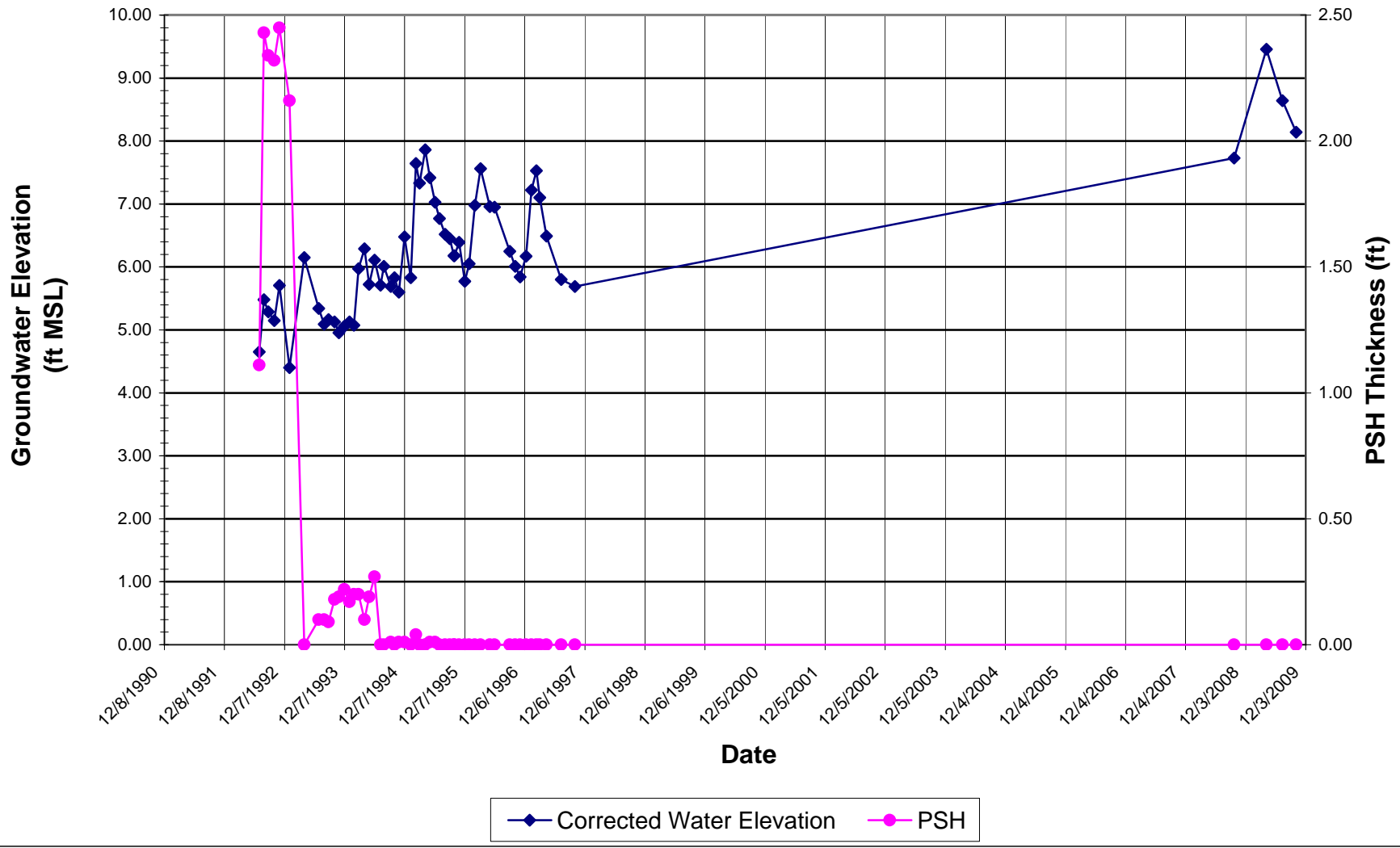
500 Ambassador Caffery Parkway  
 Scott, LA 70583 (337) 237-4775

459 Hughes Drive  
 Traverse City, MI 49686 (231) 947-5777

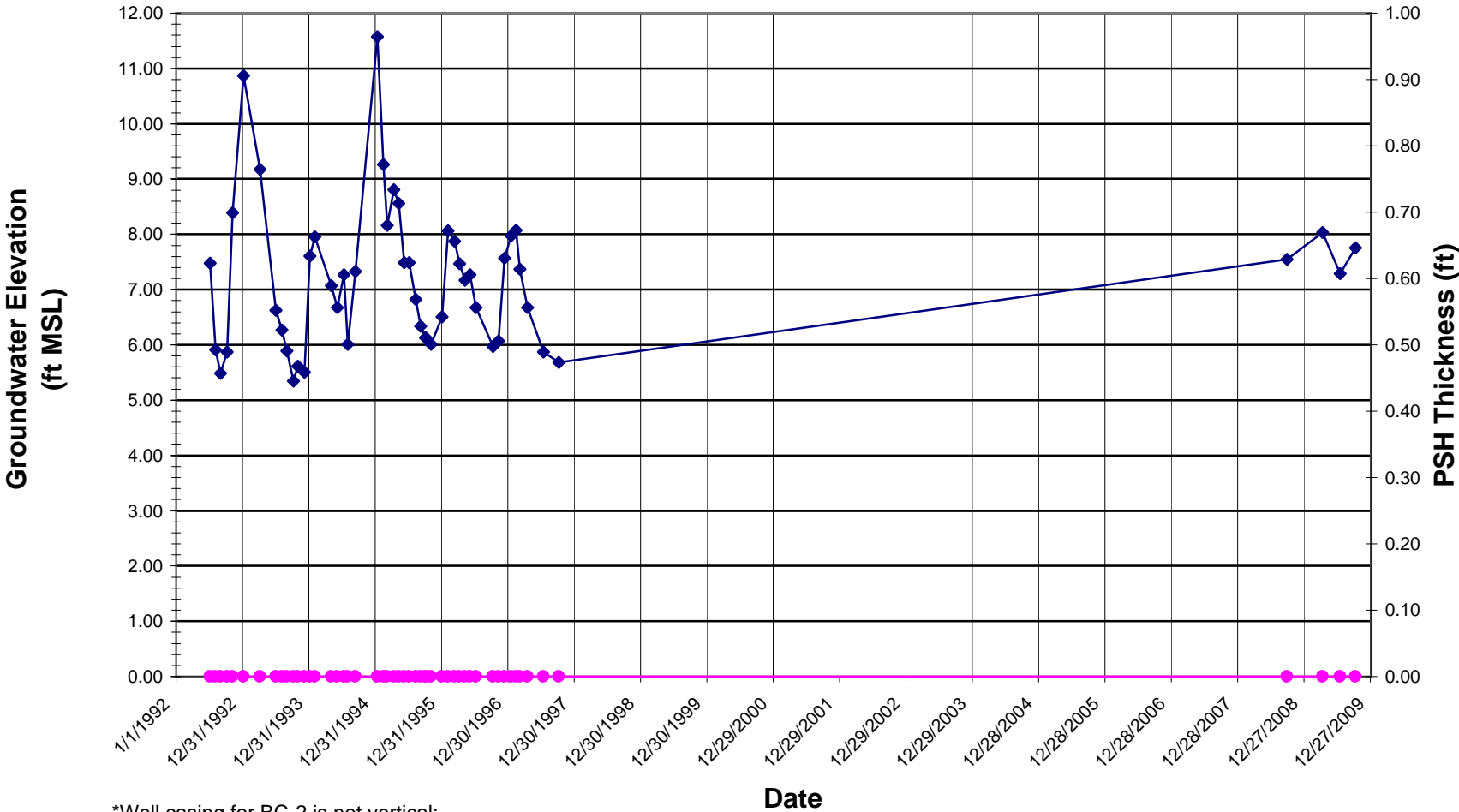
## **APPENDIX B**

### **PSH Thickness and Groundwater Elevation Graphs**

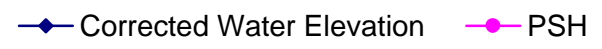
# Product Thickness and Groundwater Elevation Versus Time Well BC-1



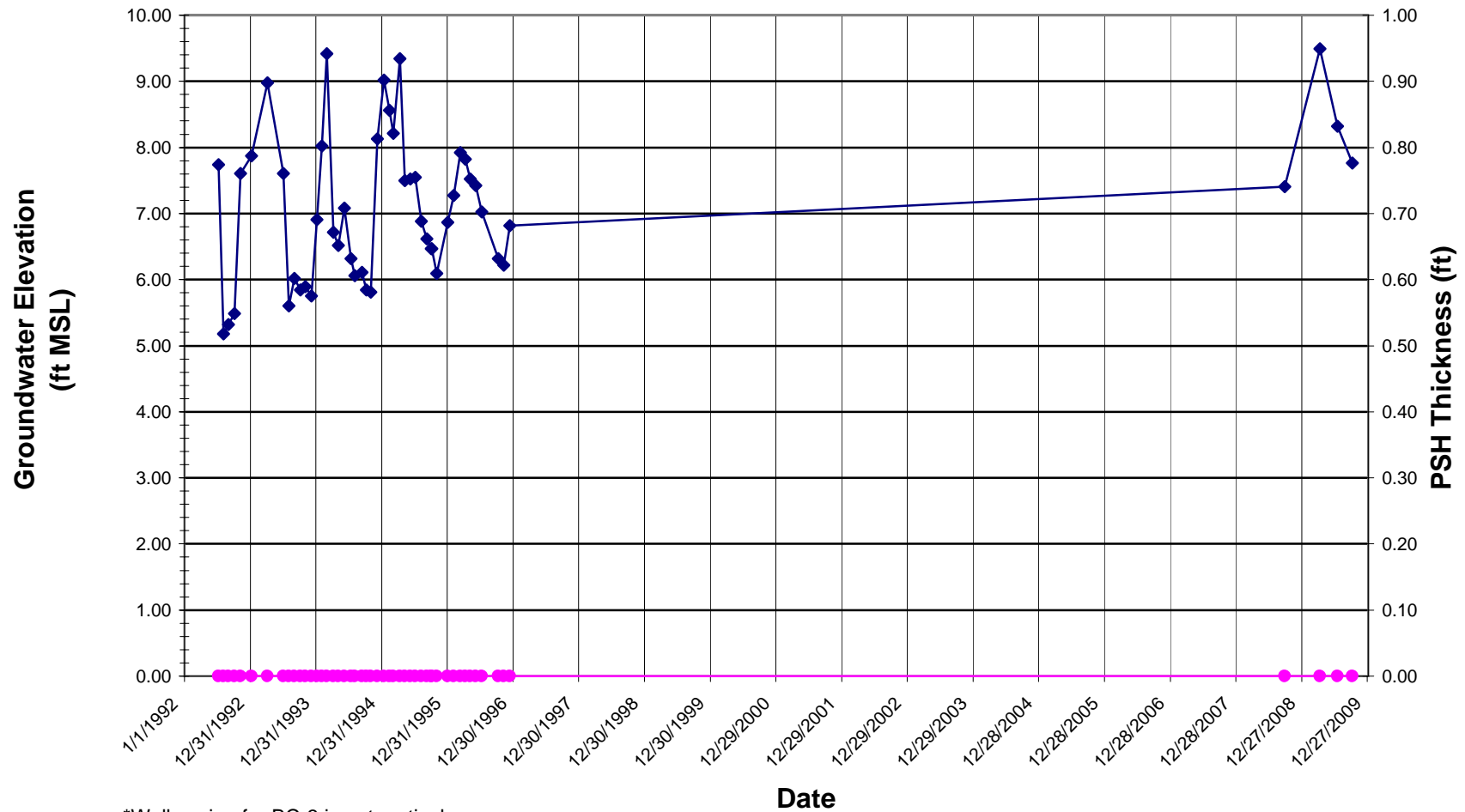
## Product Thickness and Approximate\* Groundwater Elevation Versus Time Well BC-2



\*Well casing for BC-2 is not vertical;  
therefore groundwater elevations are  
approximate.



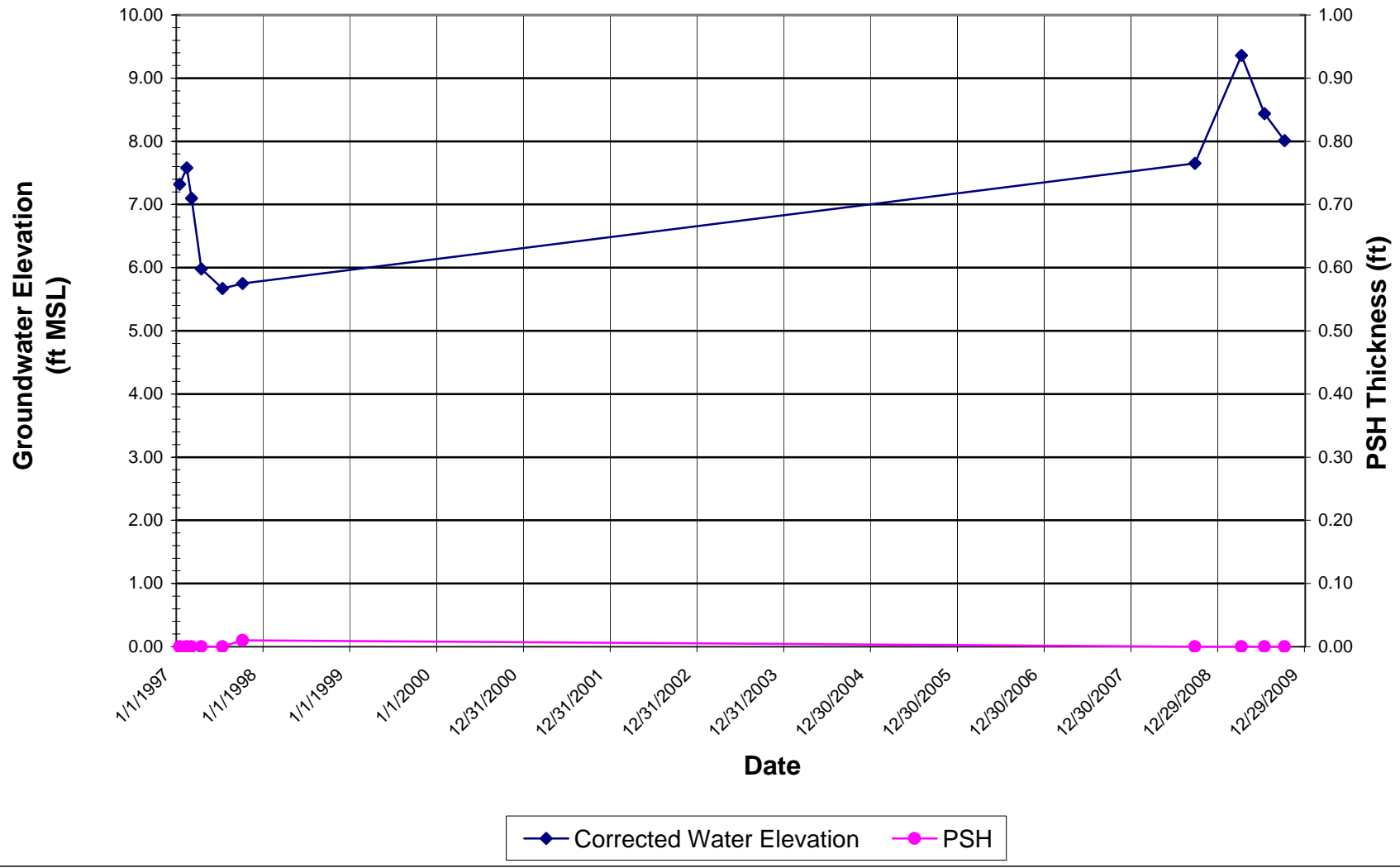
### Product Thickness and Approximate\* Groundwater Elevation Versus Time Well BC-3



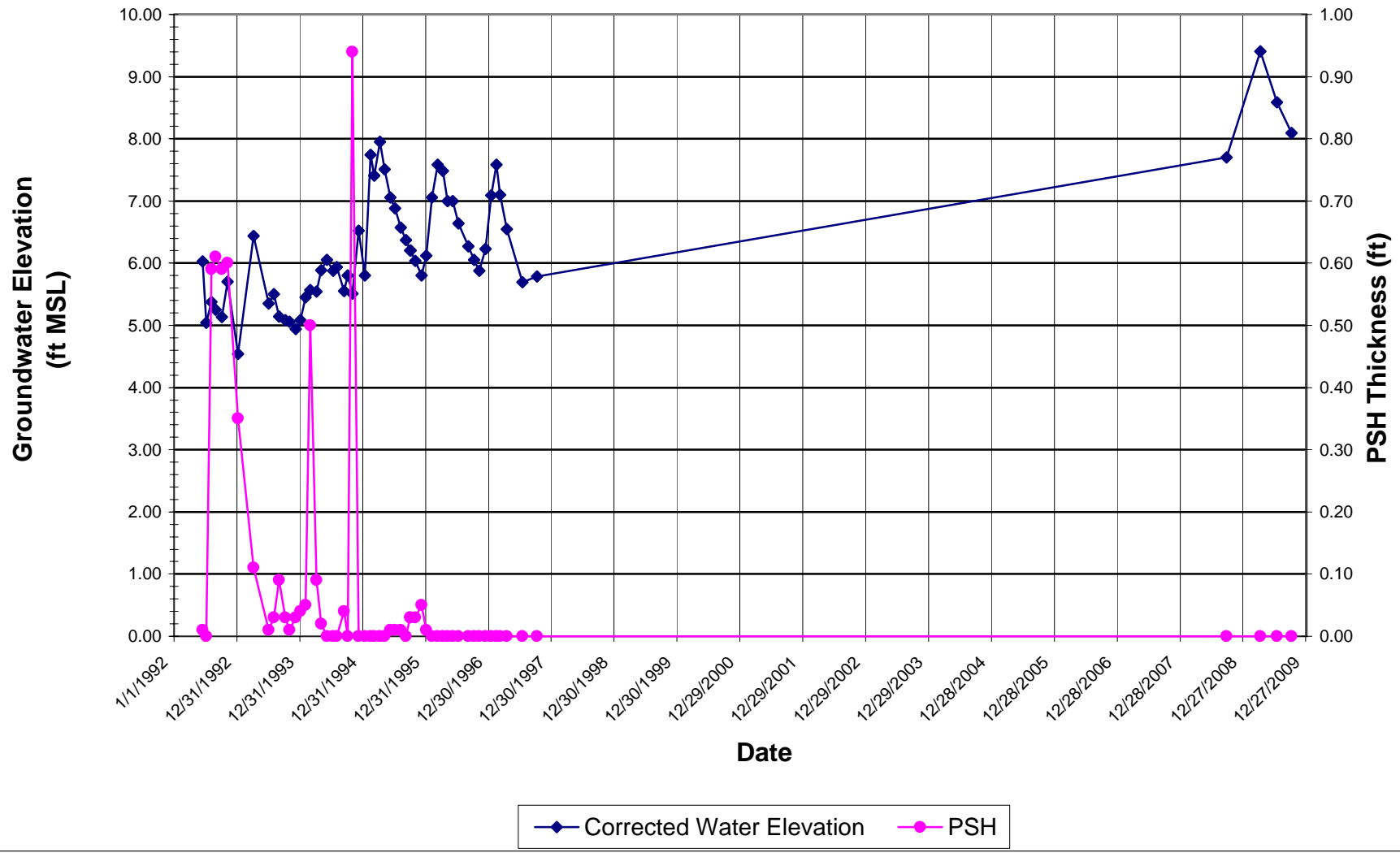
\*Well casing for BC-3 is not vertical;  
therefore groundwater elevations are  
approximate.



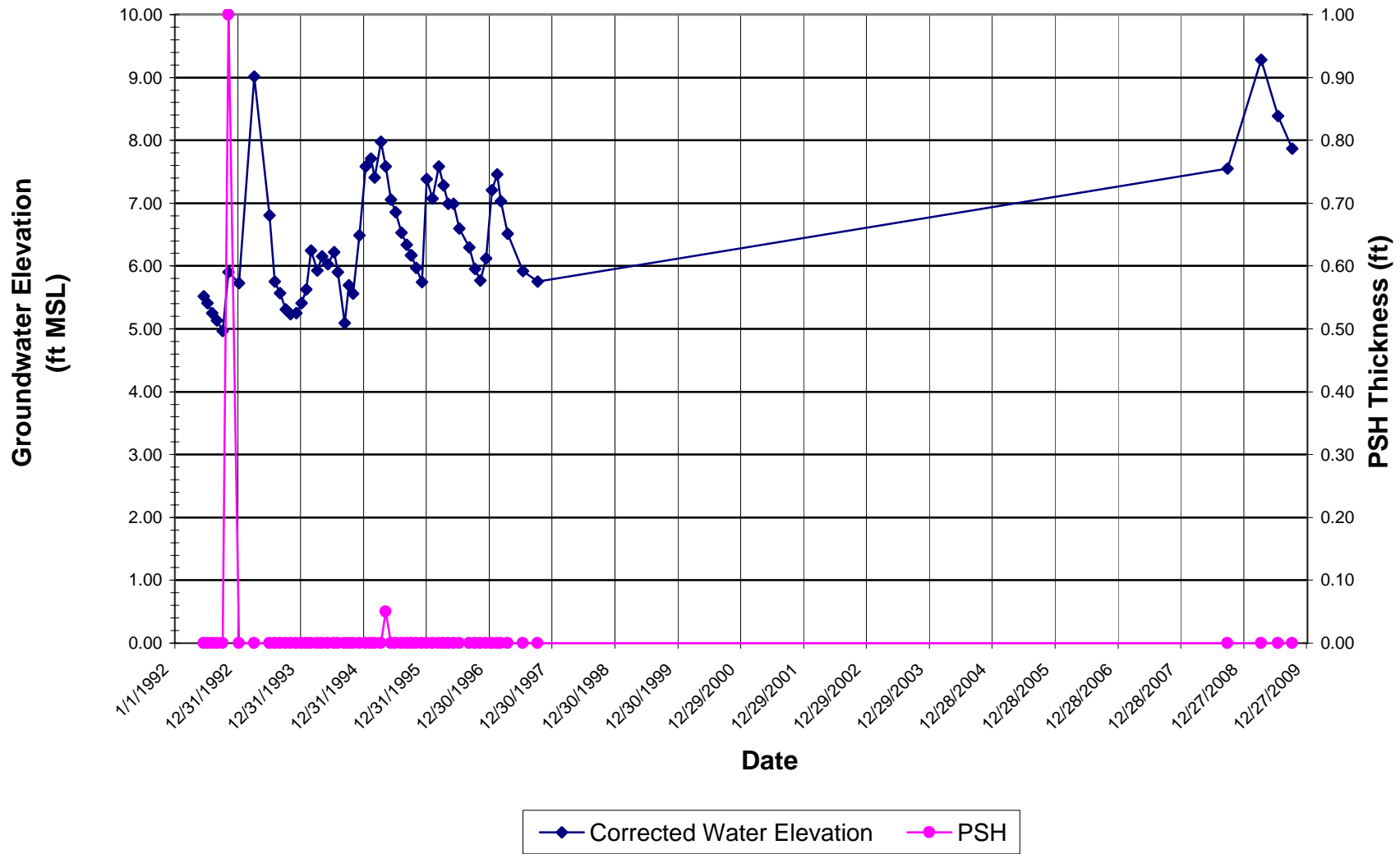
# Product Thickness and Groundwater Elevation Versus Time Well ES-1



# Product Thickness and Groundwater Elevation Versus Time Well ES-2

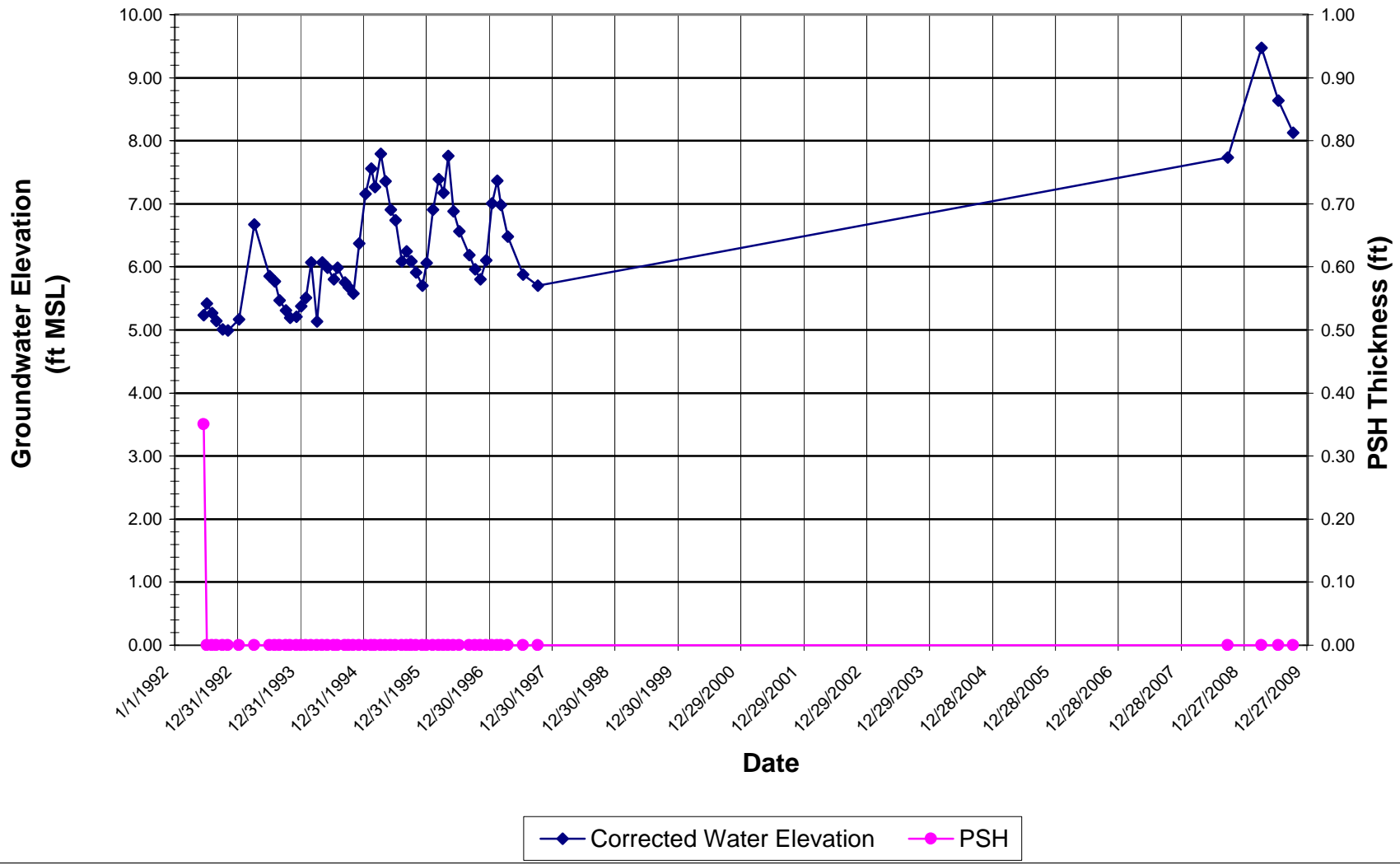


# Product Thickness and Groundwater Elevation Versus Time Well ES-3

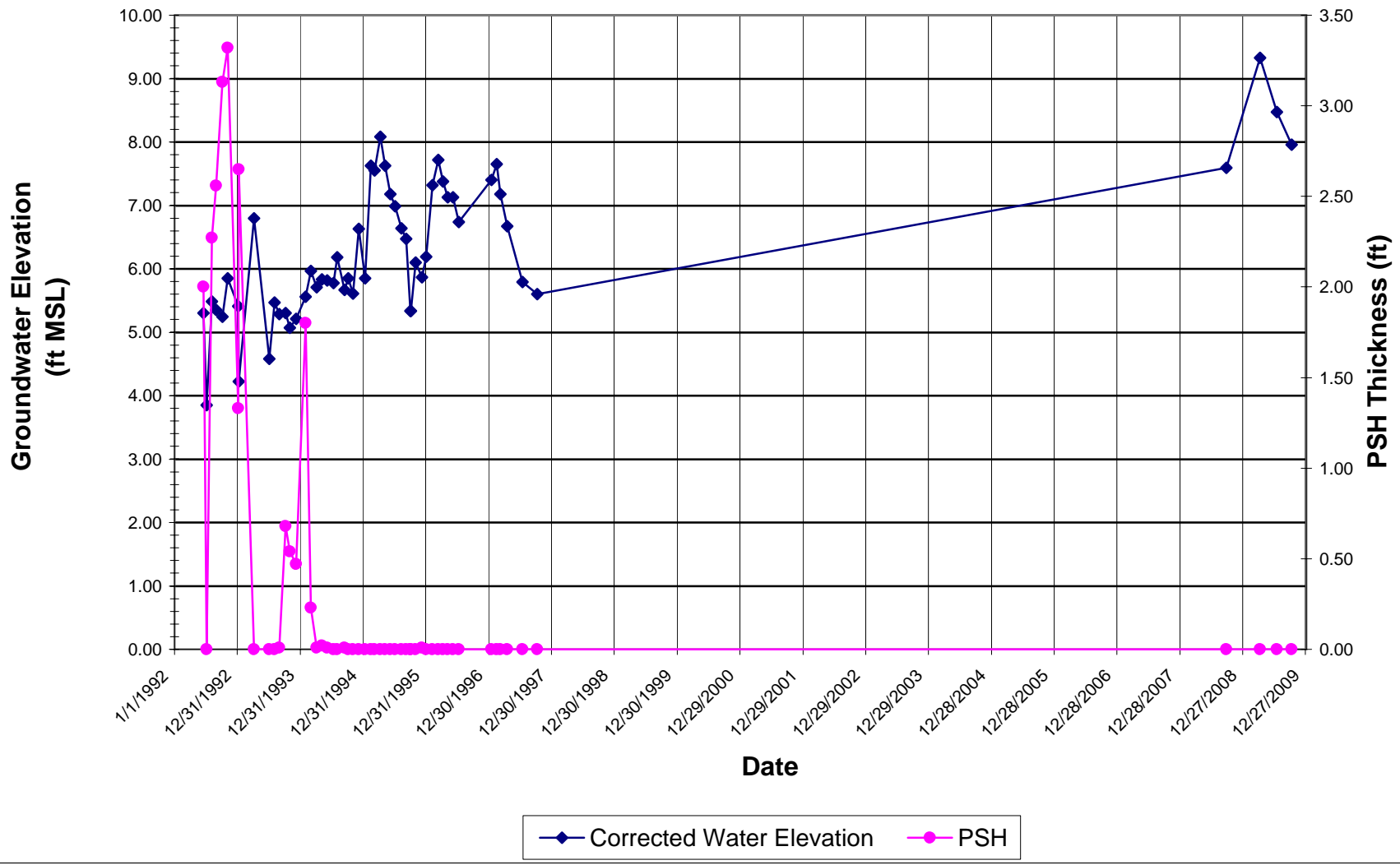




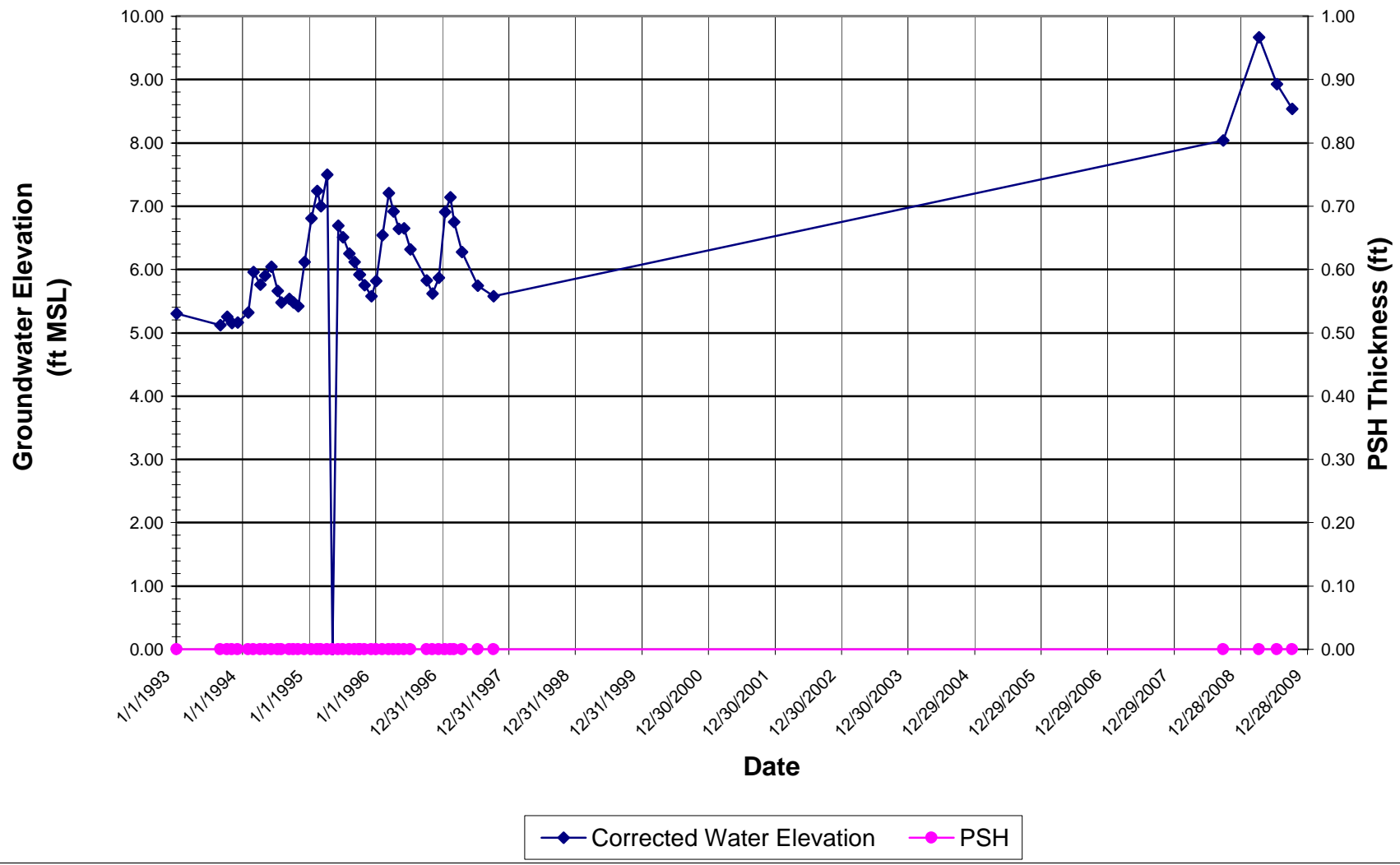
# Product Thickness and Groundwater Elevation Versus Time Well ES-4



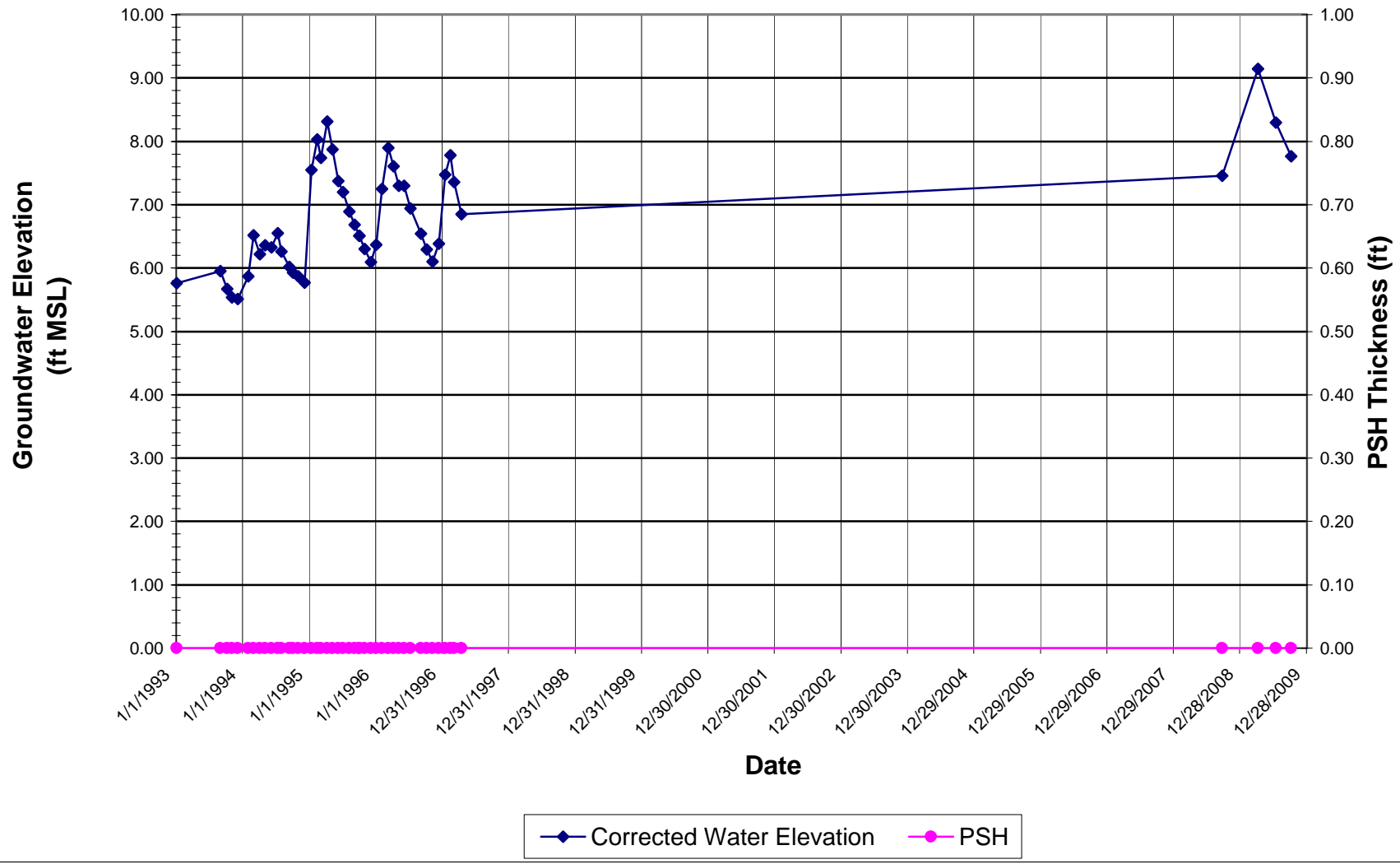
# Product Thickness and Groundwater Elevation Versus Time Well ES-5



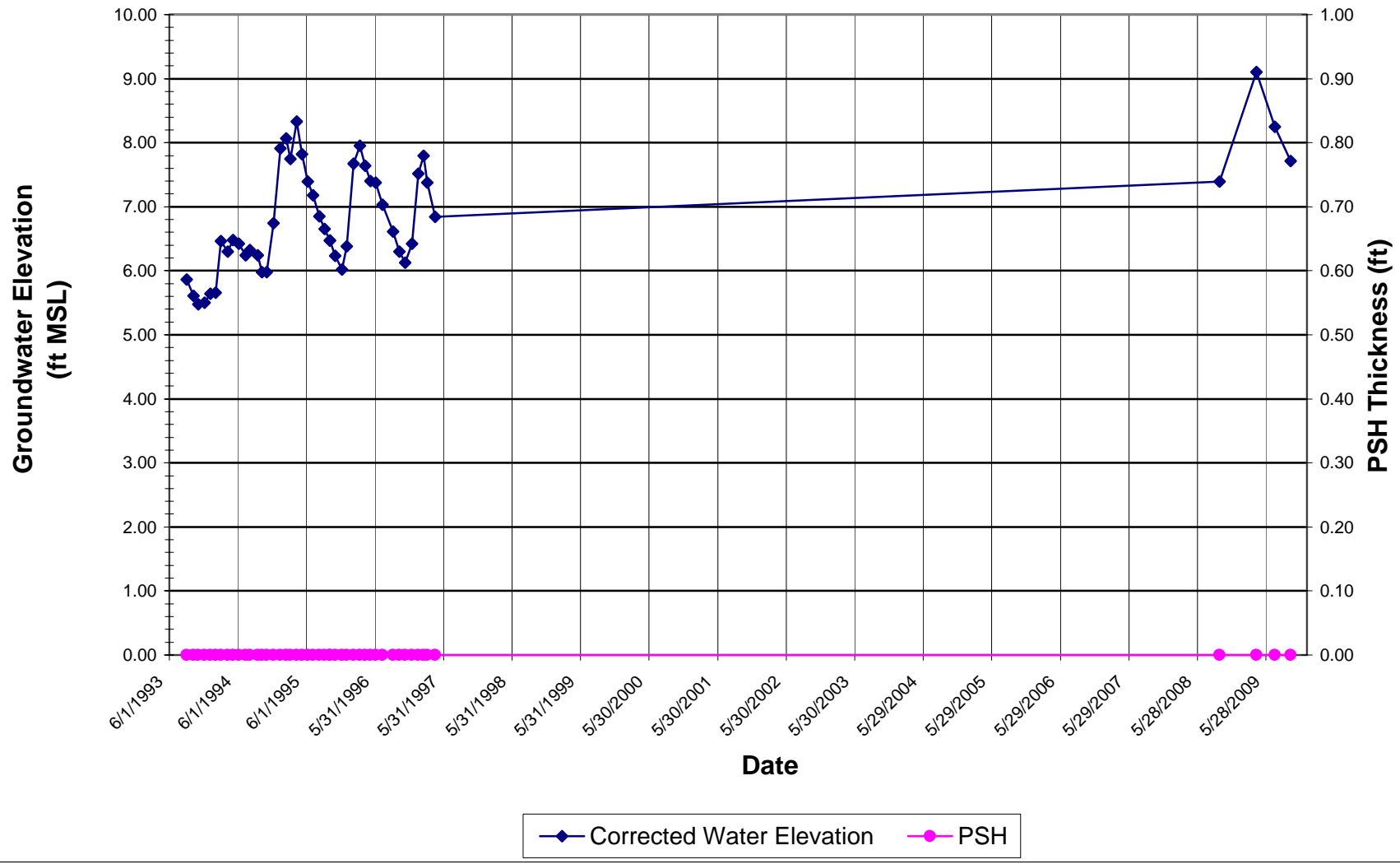
# Product Thickness and Groundwater Elevation Versus Time Well ES-6



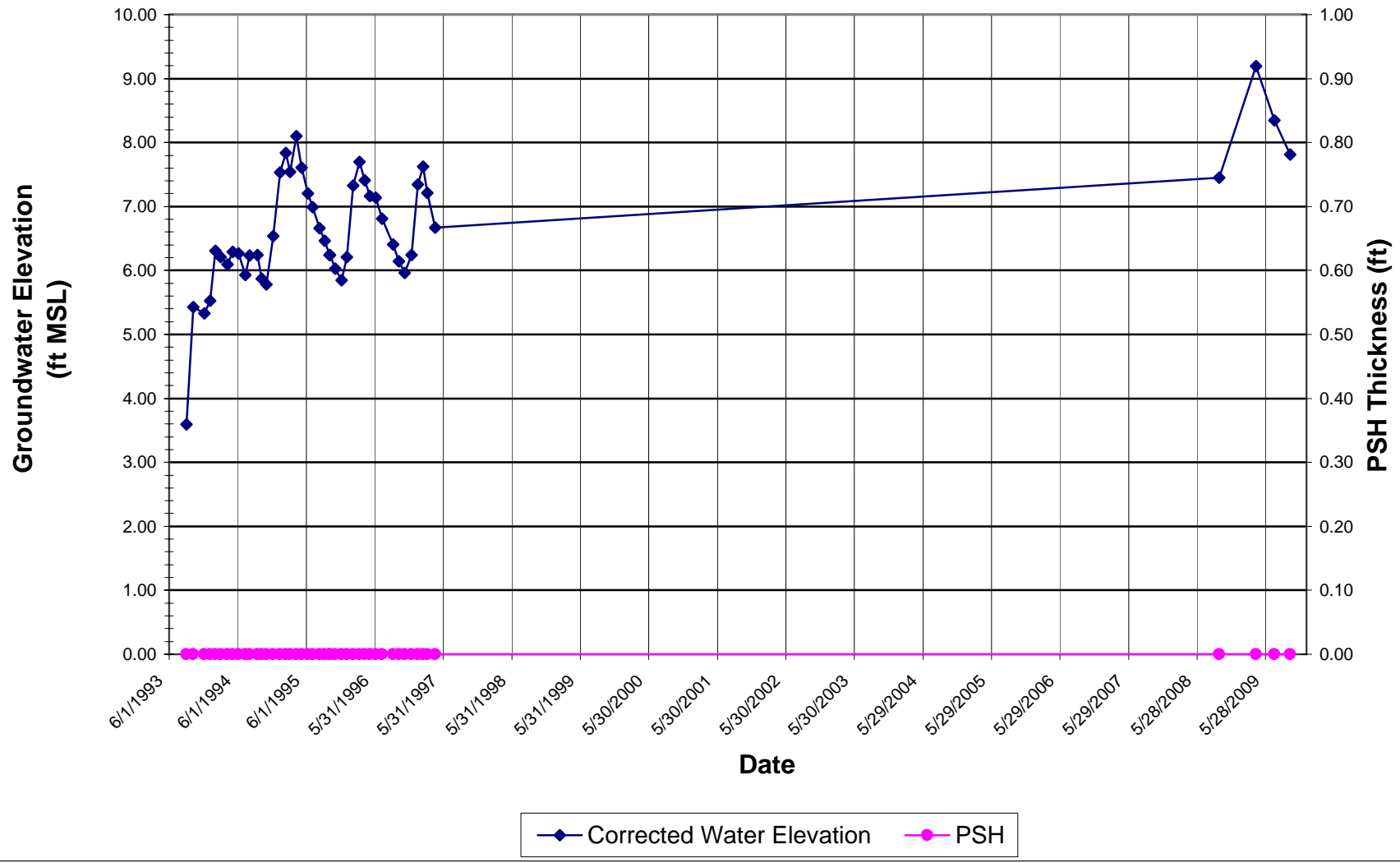
# Product Thickness and Groundwater Elevation Versus Time Well ES-7



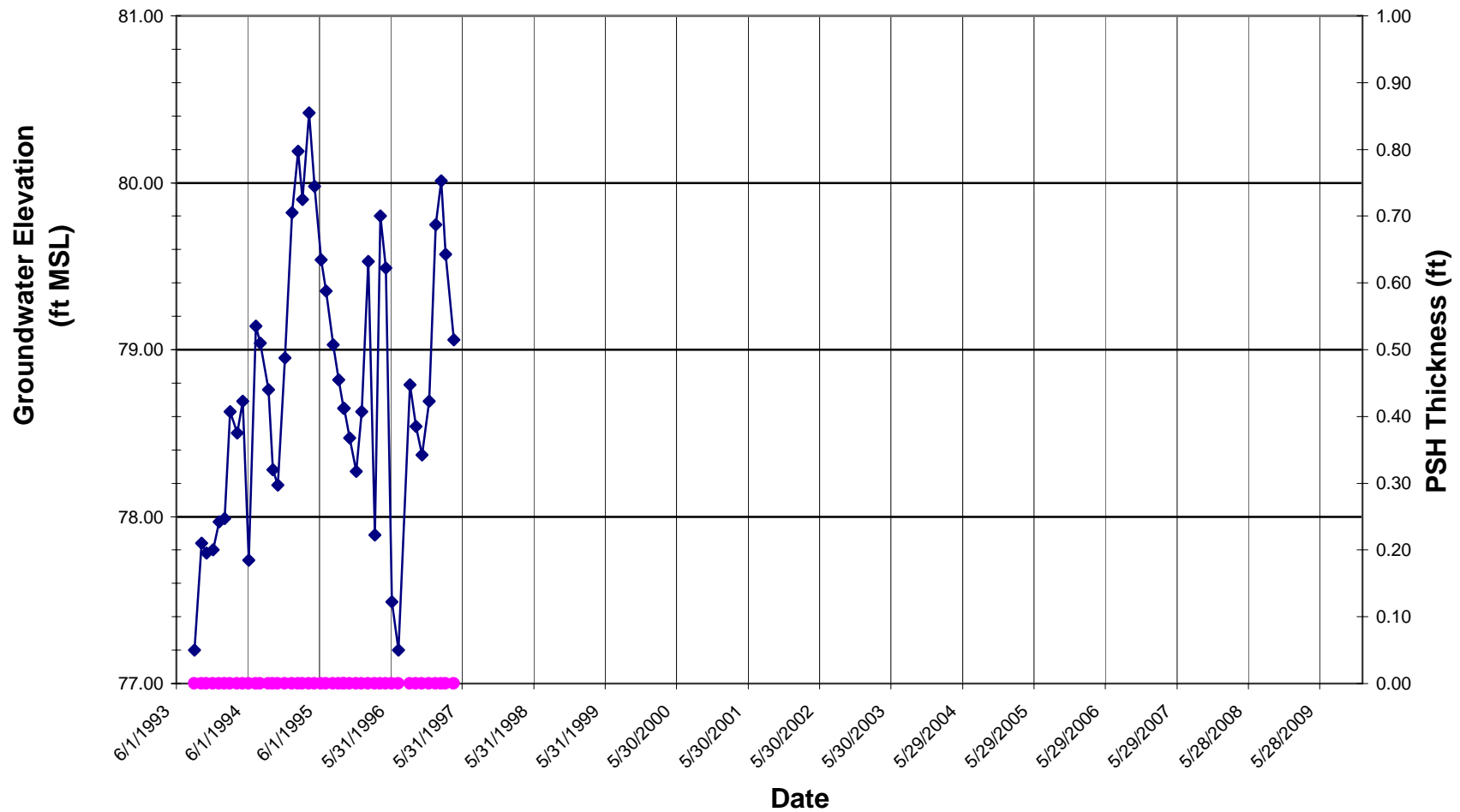
# Product Thickness and Groundwater Elevation Versus Time Well ES-8



# Product Thickness and Groundwater Elevation Versus Time Well ES-9

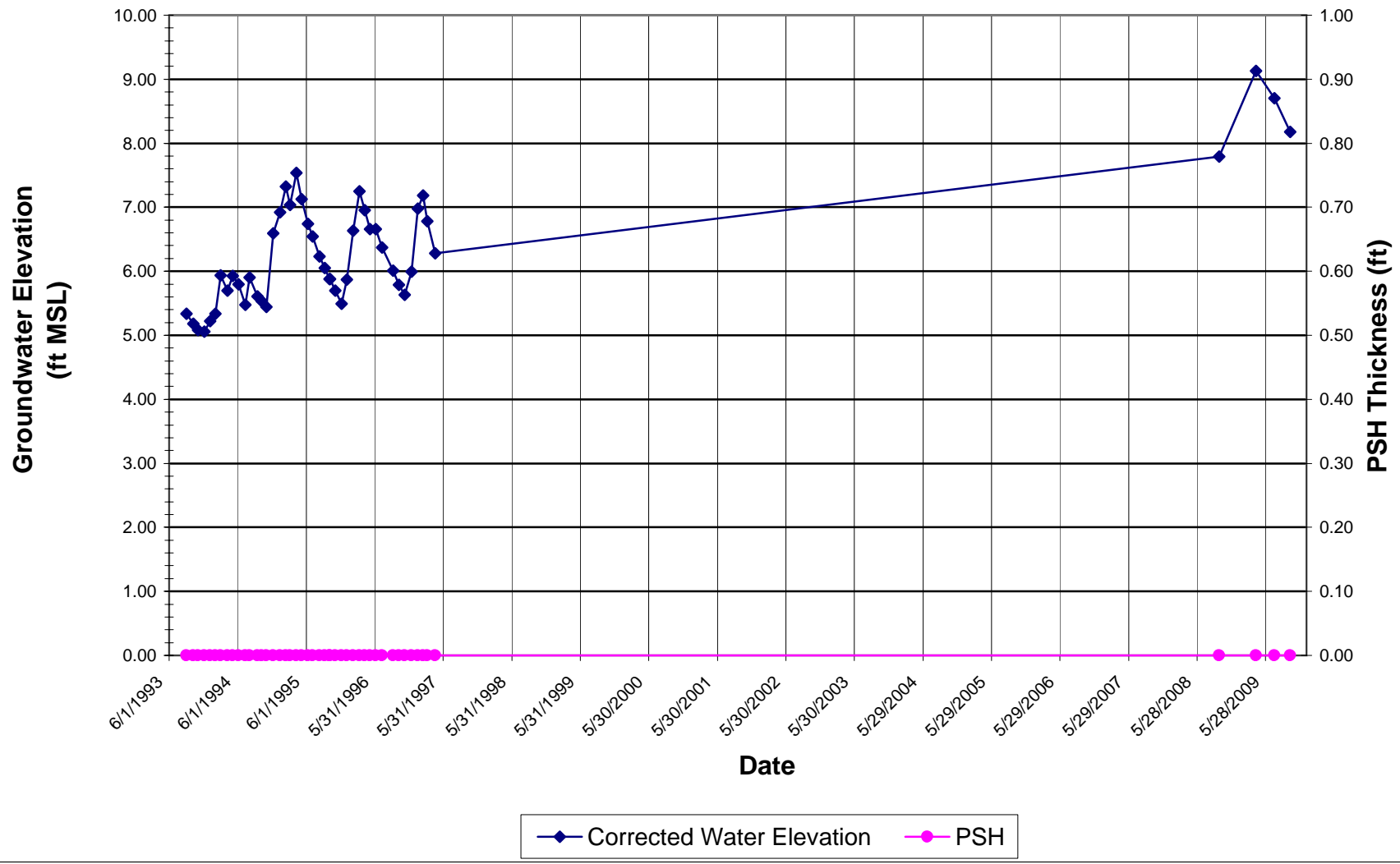


# Product Thickness and Groundwater Elevation Versus Time Well ES-10



◆ Corrected Water Elevation    ● PSH

# Product Thickness and Groundwater Elevation Versus Time Well ES-11





**APPENDIX C**

**Groundwater Sampling Records**

**GROUNDWATER SAMPLING RECORD**

Project Number: 09-1379.04 Project Name: GLI, Oakland Date 10/7/09  
 Sampling Location (well ID, etc.): BC-1 Total Depth to LNAPL (ft. BMP): \_\_\_\_\_  
 Gauged by: JRS Starting Water Level (ft. BMP): 10/06/09 16.34 16.27  
 Casing Diameter (In ID): 4" ID Total Depth (ft. BMP): 29.59

**Monitor Well Inspection:**  
 Condition of Concrete Pad: good  
 Condition of Lock, Well Cover and Cap: good  
 Condition of Well: good

**QUALITY ASSURANCE**

**METHODS (describe):**  
 Cleaning Equipment: Alconox soap solution, distilled water rinse  
 Purging: Peristaltic Pump (Low-Flow) Sampling: Peristaltic Pump (Low-Flow)  
 Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

**INSTRUMENTS (Indicate make, model, I.D.):**  
 Water Level: 16.34 KECK Thermometer: YSI 556  
 pH Meter/ORP: YSI 556 Filtration: N/A  
 Conductivity/DO Meter: YSI 556 / N/A Other: N/A

**SAMPLE INVENTORY**

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
1217	1 L	Amber	2	N	HCL	DRO, Oil
1217	40 ml	Glass VOA	3	N	HCL	GRO, VOCs

Date: <u>10/7/09</u>	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Cumul Vol. (Gallons)	Groundwater Level (Feet BMP)	Field Chemistry Parameters				Color	Turbidity & Sediment	
			Temp (F/C)	pH	Conductivity	ORP			
Time				± 0.1	± 3 %	± 10			
1202	<u>ml</u>	<u>16.34</u>							
1205	<u>740</u>	<u>16.37</u>	<u>20.37</u>	<u>6.76</u>	<u>0.659</u>	<u>-139.8</u>	<u>Clear</u>	<u>low</u>	
1208	<u>1460</u>	<u>16.38</u>	<u>20.30</u>	<u>6.73</u>	<u>0.673</u>	<u>-148.2</u>	<u>Clear</u>	<u>low</u>	
1211	<u>2190</u>	<u>16.38</u>	<u>20.27</u>	<u>6.78</u>	<u>0.679</u>	<u>-151.1</u>	<u>Clear</u>	<u>low</u>	
1214	<u>2900</u>	<u>16.38</u>	<u>20.22</u>	<u>6.71</u>	<u>0.685</u>	<u>-155.7</u>	<u>Clear</u>	<u>low</u>	
1217	<u>3600</u>	<u>16.38</u>	<u>20.17</u>	<u>6.71</u>	<u>0.686</u>	<u>-158.5</u>	<u>Clear</u>	<u>low</u>	

Water level (ft. BMP) at End of Purge: \_\_\_\_\_

**Field Notes:**



<b>GROUNDWATER SAMPLING RECORD</b>		
Project Number: <u>09-1379.04</u>	Project Name: <u>GLI, Oakland</u>	Date: <u>10/7/09</u>
Sampling Location (well ID, etc.): <u>E-1</u>	Total Depth to LNAPL (ft. BMP): <u>          </u>	
Gauged by: <u>JRS</u>	Starting Water Level (ft. BMP): <u>16.10</u>	
Casing Diameter (In ID): <u>4" ID</u>	Total Depth (ft. BMP): <u>30.15</u>	

**Monitor Well Inspection:**

Condition of Concrete Pad: good  
 Condition of Lock, Well Cover and Cap: no cap  
 Condition of Well: good

**QUALITY ASSURANCE**

**METHODS (describe):**

Cleaning Equipment: Alconox soap solution, distilled water rinse  
 Purging: Peristaltic Pump (Low-Flow)      Sampling: Peristaltic Pump (Low-Flow)  
 Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

**INSTRUMENTS (Indicate make, model, I.D.):**

Water Level: ~~16.10~~ <sup>55</sup> KECK      Thermometer: YSI 556  
 pH Meter/ORP: YSI 556      Filtration: N/A  
 Conductivity/DO Meter: YSI 556 / N/A      Other: N/A

**SAMPLE INVENTORY**

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
1055	1 L	Amber	2	N	HCL	DRO, Oil
1055	40 ml	Glass VOA	3	N	HCL	GRO, VOCs

Date: <u>10/7/09</u>	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Cumul Vol. (Gallons) <u>ml</u>	Groundwater Level (Feet BMP) <u>16.10</u>	Field Chemistry Parameters				Color	Turbidity & Sediment	
			Temp (F/C)	pH	Conductivity	ORP			
1043	780	16.25	23.09	6.65	1.117	-72.8	clear	low	
1046	1580	16.25	22.97	6.65	1.118	-83.8	clear	low	
1049	2360	16.26	22.91	6.65	1.119	-90.6	clear	low	
1052	3100	16.26	22.90	6.65	1.120	-93.3	clear	low	
1055	3840	16.26	22.79	6.64	1.120	-96.3	clear	low	

Water level (ft. BMP) at End of Purge: \_\_\_\_\_

**Field Notes:**





# GROUNDWATER SAMPLING RECORD

Project Number: 09-1379.04      Project Name: GLI, Oakland      Date 10/7/09  
 Sampling Location (well ID, etc.): ES-4      Total Depth to LNAPL (ft. BMP):             
 Gauged by: JRS      <sup>10/06/09</sup> Starting Water Level (ft. BMP): 15.80  
 Casing Diameter (In ID): 4" ID      Total Depth (ft. BMP): 29.94

**Monitor Well Inspection:**  
 Condition of Concrete Pad: good  
 Condition of Lock, Well Cover and Cap: bolts are stripped  
 Condition of Well: good

## QUALITY ASSURANCE

**METHODS (describe):**  
 Cleaning Equipment: Alconox soap solution, distilled water rinse  
 Purging: Peristaltic Pump (Low-Flow)      Sampling: Peristaltic Pump (Low-Flow)  
 Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

**INSTRUMENTS (Indicate make, model, I.D.):**  
 Water Level: <sup>55</sup>15.80 KECK      Thermometer: YSI 556  
 pH Meter/ORP: YSI 556      Filtration: N/A  
 Conductivity/DO Meter: YSI 556 / N/A      Other: N/A

## SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
854	1 L	Amber	2	N	HCL	DRO, Oil
854	40 ml	Glass VOA	3	N	HCL	GRO, VOCs

Date: <u>10/7/09</u>  <u>827</u> Time	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Cumul Vol. (Gallons) mL	Groundwater Level (Feet BMP) <u>15.80</u>	Field Chemistry Parameters				Color	Turbidity & Sediment	
			Temp (F/C)	pH	Conductivity	ORP			
			± 0.1	± 3 %	± 10				
	900	15.89	21.68	6.43	0.489	-33.8	clear	low	
	1720	15.89	21.83	6.43	0.488	-50.6	clear	low	
	2460	15.90	21.83	6.43	0.490	-60.9	clear	low	
	3230	15.90	21.81	6.43	0.491	-70.1	clear	low	
	3960	15.90	21.80	6.43	0.492	-76.7	clear	low	
	3700	15.90	21.77	6.44	0.494	-82.2	clear	low	
	4420	15.90	21.73	6.44	0.496	-87.8	clear	low	
	5150	15.91	21.70	6.43	0.497	-93.0	clear	low	
	5900	15.90	21.68	6.43	0.498	-95.9	clear	low	

Water level (ft. BMP) at End of Purge: \_\_\_\_\_

**Field Notes:**

<b>GROUNDWATER SAMPLING RECORD</b>	
Project Number: <u>09-1379.04</u>	Project Name: <u>GLI, Oakland</u> Date <u>10/07/09</u>
Sampling Location (well ID, etc.): <u>ES-5</u>	Total Depth to LNAPL (ft. BMP): <u>          </u>
Gauged by: <u>JRS</u>	Starting Water Level (ft. BMP): <u><del>16.13</del> 16.12</u>
Casing Diameter (In ID): <u>4" ID</u>	Total Depth (ft. BMP): <u>30.08</u>

**Monitor Well Inspection:**  
 Condition of Concrete Pad: good  
 Condition of Lock, Well Cover and Cap: good  
 Condition of Well: good

**QUALITY ASSURANCE**

**METHODS (describe):**

Cleaning Equipment: Alconox soap solution, distilled water rinse  
 Purging: Peristaltic Pump (Low-Flow) Sampling: Peristaltic Pump (Low-Flow)  
 Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

**INSTRUMENTS (Indicate make, model, I.D.):**

Water Level: ~~16.13~~ KECK Thermometer: YSI 556  
 pH Meter/ORP: YSI 556 Filtration: N/A  
 Conductivity/DO Meter: YSI 556 / N/A Other: N/A

**SAMPLE INVENTORY**

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
<u>1254</u>	<u>1 L</u>	<u>Amber</u>	<u>2</u>	<u>N</u>	<u>HCL</u>	<u>DRO, Oil</u>
<u>1254</u>	<u>40 ml</u>	<u>Glass VOA</u>	<u>3</u>	<u>N</u>	<u>HCL</u>	<u>GRO, VOCs</u>

Date: <u>10/7/09</u>	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Cumul Vol. (Gallons) <u>ml</u>	Groundwater Level (Feet BMP) <u>16.13</u>	Field Chemistry Parameters				Color	Turbidity & Sediment	
			Temp (F/C)	pH	Conductivity	ORP			
				$\pm 0.1$	$\pm 3\%$	$\pm 10$			
<u>1242</u>	<u>790</u>	<u>16.27</u>	<u>22.15</u>	<u>6.72</u>	<u>1.084</u>	<u>-106.1</u>	<u>Clear</u>	<u>low</u>	
<u>1245</u>	<u>1000</u>	<u>16.29</u>	<u>22.18</u>	<u>6.71</u>	<u>1.094</u>	<u>-113.4</u>	<u>Clear</u>	<u>low</u>	
<u>1248</u>	<u>2400</u>	<u>16.30</u>	<u>22.16</u>	<u>6.71</u>	<u>1.099</u>	<u>-114.2</u>	<u>Clear</u>	<u>low</u>	
<u>1251</u>	<u>3160</u>	<u>16.30</u>	<u>22.25</u>	<u>6.71</u>	<u>1.101</u>	<u>-115.7</u>	<u>Clear</u>	<u>low</u>	
<u>1254</u>	<u>3970</u>	<u>16.30</u>	<u>22.08</u>	<u>6.71</u>	<u>1.101</u>	<u>-120.2</u>	<u>Clear</u>	<u>low</u>	

Water level (ft. BMP) at End of Purge: \_\_\_\_\_

**Field Notes:**



<b>GROUNDWATER SAMPLING RECORD</b>		
Project Number: <u>09-1379.04</u>	Project Name: <u>GLI, Oakland</u>	Date <u>10/6/09</u>
Sampling Location (well ID, etc.): <u>CS-6</u>	Total Depth to LNAPL (ft. BMP): <u>      </u>	
Gauged by: <u>JRS</u>	Starting Water Level (ft. BMP): <u>18.52</u>	
Casing Diameter (In ID): <u>4" ID</u>	Total Depth (ft. BMP): <u>35.00</u>	

**Monitor Well Inspection:**  
 Condition of Concrete Pad: Good  
 Condition of Lock, Well Cover and Cap: Good  
 Condition of Well: Good

**QUALITY ASSURANCE**

**METHODS (describe):**  
 Cleaning Equipment: Alconox soap solution, distilled water rinse  
 Purging: Peristaltic Pump (Low-Flow)      Sampling: Peristaltic Pump (Low-Flow)  
 Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

**INSTRUMENTS (Indicate make, model, I.D.):**  
 Water Level: ~~18.52~~ KECK      Thermometer: YSI 556  
 pH Meter/ORP: YSI 556      Filtration: N/A  
 Conductivity/DO Meter: YSI 556 / N/A      Other: N/A

**SAMPLE INVENTORY**

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
<u>1806</u>	<u>1 L</u>	<u>Amber</u>	<u>2</u>	<u>N</u>	<u>HCL</u>	<u>DRO, Oil</u>
<u>1806</u>	<u>40 ml</u>	<u>Glass VOA</u>	<u>3</u>	<u>N</u>	<u>HCL</u>	<u>GRO, VOCs</u>

Date: <u>10/6/09</u>	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Cumul Vol. <del>(Gallons)</del> <u>ml</u>	Groundwater Level (Feet BMP) <u>18.52</u>	Field Chemistry Parameters				Color	Turbidity & Sediment	
			Temp (F/C)	pH	Conductivity	ORP			
				$\pm 0.1$	$\pm 3\%$	$\pm 10$			
<u>1754</u>	<u>690</u>	<u>18.57</u>	<u>22.61</u>	<u>6.93</u>	<u>0.487</u>	<u>134.6</u>	<u>Clear</u>	<u>low</u>	
<u>1757</u>	<u>1380</u>	<u>18.57</u>	<u>22.52</u>	<u>6.92</u>	<u>0.484</u>	<u>134.0</u>	<u>Clear</u>	<u>low</u>	
<u>1800</u>	<u>2060</u>	<u>18.57</u>	<u>22.49</u>	<u>6.91</u>	<u>0.482</u>	<u>134.4</u>	<u>Clear</u>	<u>low</u>	
<u>1803</u>	<u>2770</u>	<u>18.58</u>	<u>22.47</u>	<u>6.91</u>	<u>0.478</u>	<u>132.9</u>	<u>Clear</u>	<u>low</u>	
<u>1806</u>	<u>3470</u>	<u>18.58</u>	<u>22.40</u>	<u>6.91</u>	<u>0.477</u>	<u>131.3</u>	<u>Clear</u>	<u>low</u>	

Water level (ft. BMP) at End of Purge: \_\_\_\_\_

**Field Notes:**

# GROUNDWATER SAMPLING RECORD

Project Number: 09-1379.04      Project Name: GLI, Oakland      Date 10/10/09  
 Sampling Location (well ID, etc.): ES-7      Total Depth to LNAPL (ft. BMP):             
 Gauged by: JRS      <sup>10/06/09</sup> Starting Water Level (ft. BMP): 17.90  
 Casing Diameter (In ID): 4" ID      Total Depth (ft. BMP): 31.72

**Monitor Well Inspection:**  
 Condition of Concrete Pad: cracked  
 Condition of Lock, Well Cover and Cap: Screws stripped, mud in well  
 Condition of Well: needs seal

## QUALITY ASSURANCE

**METHODS (describe):**

Cleaning Equipment: Alconox soap solution, distilled water rinse  
 Purging: Peristaltic Pump (Low-Flow)      Sampling: Peristaltic Pump (Low-Flow)  
 Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

**INSTRUMENTS (Indicate make, model, I.D.):**

Water Level: ~~17.90~~ KECK      Thermometer: YSI 556  
 pH Meter/ORP: YSI 556      Filtration: N/A  
 Conductivity/DO Meter: YSI 556 / N/A      Other: N/A

## SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks		
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)		
<u>1728</u>	<u>1 L</u>	<u>Amber</u>	<u>2</u>	<u>N</u>	<u>HCL</u>	<u>DRO, Oil</u>		
<u>1728</u>	<u>40 ml</u>	<u>Glass VOA</u>	<u>3</u>	<u>N</u>	<u>HCL</u>	<u>GRO, VOCs</u>		
Date: <u>10/10/09</u>	Purge Characteristics		Water Quality Data				Appearance	REMARKS
Time	Cumul Vol. (Gallons) <u>ML</u>	Groundwater Level (Feet BMP) <u>17.90</u>	Field Chemistry Parameters				Color	Turbidity & Sediment
			Temp (F/C)	pH	Conductivity	ORP		
			$\pm 0.1$	$\pm 0.1$	$\pm 3\%$	$\pm 10$		
<u>1716</u>	<u>890</u>	<u>18.01</u>	<u>21.22</u>	<u>6.59</u>	<u>0.438</u>	<u>126.2</u>	<u>Clear</u>	<u>low</u>
<u>1719</u>	<u>1010</u>	<u>18.02</u>	<u>21.17</u>	<u>6.59</u>	<u>0.441</u>	<u>126.2</u>	<u>Clear</u>	<u>low</u>
<u>1722</u>	<u>2310</u>	<u>18.02</u>	<u>21.11</u>	<u>6.59</u>	<u>0.441</u>	<u>126.4</u>	<u>Clear</u>	<u>low</u>
<u>1725</u>	<u>3020</u>	<u>18.02</u>	<u>21.11</u>	<u>6.60</u>	<u>0.442</u>	<u>124.5</u>	<u>Clear</u>	<u>low</u>
<u>1728</u>	<u>3730</u>	<u>18.02</u>	<u>20.98</u>	<u>6.60</u>	<u>0.443</u>	<u>124.7</u>	<u>Clear</u>	<u>low</u>

Water level (ft. BMP) at End of Purge: \_\_\_\_\_

**Field Notes:**

# GROUNDWATER SAMPLING RECORD

Project Number: 09-1379.04 Project Name: GLI, Oakland Date 10/06/09  
 Sampling Location (well ID, etc.): ES-8 Total Depth to LNAPL (ft. BMP):             
 Gauged by: JRS Starting Water Level (ft. BMP): 17.03  
 Casing Diameter (In ID): 4" ID Total Depth (ft. BMP): 29.16

**Monitor Well Inspection:**  
 Condition of Concrete Pad: good  
 Condition of Lock, Well Cover and Cap: missing 2 bolts, cover does not fit  
 Condition of Well: warped

## QUALITY ASSURANCE

**METHODS (describe):**

Cleaning Equipment: Alconox soap solution, distilled water rinse  
 Purging: Peristaltic Pump (Low-Flow) Sampling: Peristaltic Pump (Low-Flow)  
 Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

**INSTRUMENTS (Indicate make, model, I.D.):**

Water Level: 17.03 KECK Thermometer: YSI 556  
 pH Meter/ORP: YSI 556 Filtration: N/A  
 Conductivity/DO Meter: YSI 556 / N/A Other: N/A

## SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
1517	1 L	Amber	2	N	HCL	DRO, Oil
1517	40 ml	Glass VOA	3	N	HCL	GRO, VOCs

Date: <u>10/06/09</u>	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Cumul Vol. (Gallons) <i>ml</i>	Groundwater Level (Feet BMP) <u>17.03</u>	Field Chemistry Parameters				Color	Turbidity & Sediment	
			Temp (F/C)	pH	Conduct- ivity	ORP			
Time			± 0.1	± 3 %	± 10				
1435	990	17.17	22.08	6.45	1.182	130.1	Clear	low	
1438	1890	17.17	22.05	6.44	1.152	93.2	Clear	low	
1441	2790	17.18	21.99	6.44	1.145	67.3	Clear	low	
1444	3540	17.18	21.98	6.43	1.143	44.5	Clear	low	
1447	4400	17.18	22.01	6.43	1.142	29.3	Clear	low	
1450	5240	17.18	22.00	6.43	1.141	16.1	Clear	low	
1453	6060	17.18	21.98	6.42	1.140	3.5	Clear	low	
1456	8100	17.18	21.95	6.42	1.140	-6.0	Clear	low	
1459	8890	17.19	21.94	6.42	1.140	-16.0	Clear	low	
1502	9670	17.19	21.89	6.42	1.140	-23.6	Clear	low	

Water level (ft. BMP) at End of Purge: \_\_\_\_\_

**Field Notes:**



**GROUNDWATER SAMPLING RECORD**

Project Number: 09-1379.04 Project Name: GLI, Oakland Date 10/06/09  
 Sampling Location (well ID, etc.): ES-9 Total Depth to LNAPL (ft. BMP):         
 Gauged by: JRS <sup>10/06/09</sup> Starting Water Level (ft. BMP): 15.52  
 Casing Diameter (In ID): 4" ID Total Depth (ft. BMP): 34.91

**Monitor Well Inspection:**

Condition of Concrete Pad: Good  
 Condition of Lock, Well Cover and Cap: screws are stripped  
 Condition of Well: good

**QUALITY ASSURANCE**

**METHODS (describe):**

Cleaning Equipment: Alconox soap solution, distilled water rinse  
 Purging: Peristaltic Pump (Low-Flow) Sampling: Peristaltic Pump (Low-Flow)  
 Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

**INSTRUMENTS (Indicate make, model, I.D.):**

Water Level: <sup>55</sup> ~~15.52~~ KECK Thermometer: YSI 556  
 pH Meter/ORP: YSI 556 Filtration: N/A  
 Conductivity/DO Meter: YSI 556 / N/A Other: N/A

**SAMPLE INVENTORY**

Bottles Collected				Filtration	Preservation	Remarks			
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)			
1629	1 L	Amber	2	N	HCL	DRO, Oil			
1629	40 ml	Glass VOA	3	N	HCL	GRO, VOCs			
Date: <u>10/06/09</u>	Purge Characteristics		Water Quality Data				Appearance	REMARKS	
Time	Cumul Vol. (Gallons) <u>ml</u>	Groundwater Level (Feet BMP) <u>15.52</u>	Field Chemistry Parameters				Color		Turbidity & Sediment
			Temp (F/C)	pH	Conductivity	ORP			
				$\pm 0.1$	$\pm 3\%$	$\pm 10$			
1617	810	15.59	22.25	6.82	0.933	69.1	Clear	low	
1620	1580	15.59	22.23	6.81	0.932	68.0	Clear	low	
1623	2360	15.59	22.21	6.81	0.933	68.3	Clear	low	
1626	3140	15.59	22.14	6.81	0.933	69.3	Clear	low	
1629	3880	15.59	22.16	6.81	0.934	68.4	Clear	low	

Water level (ft. BMP) at End of Purge: \_\_\_\_\_

**Field Notes:**

# GROUNDWATER SAMPLING RECORD

Project Number: 09-1379.04      Project Name: GLI, Oakland      Date 10/7/09  
 Sampling Location (well ID, etc.): E5-11      Total Depth to LNAPL (ft. BMP):             
 Gauged by: JRS      <sup>10/06/09</sup> Starting Water Level (ft. BMP): ~~55~~ 15.88 15.90  
 Casing Diameter (In ID): 4" ID      Total Depth (ft. BMP): 35.04

**Monitor Well Inspection:**

Condition of Concrete Pad: good  
 Condition of Lock, Well Cover and Cap: no bolts  
 Condition of Well: good

## QUALITY ASSURANCE

**METHODS (describe):**

Cleaning Equipment: Alconox soap solution, distilled water rinse  
 Purging: Peristaltic Pump (Low-Flow)      Sampling: Peristaltic Pump (Low-Flow)  
 Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

**INSTRUMENTS (Indicate make, model, I.D.):**

Water Level: ~~55~~ 15.88 KECK      Thermometer: YSI 556  
 pH Meter/ORP: YSI 556      Filtration: N/A  
 Conductivity/DO Meter: YSI 556 / N/A      Other: N/A

## SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
<u>759</u>	<u>1 L</u>	<u>Amber</u>	<u>2</u>	<u>N</u>	<u>HCL</u>	<u>DRO, Oil</u>
<u>759</u>	<u>40 ml</u>	<u>Glass VOA</u>	<u>3</u>	<u>N</u>	<u>HCL</u>	<u>GRO, VOCs</u>

Date: <u>10/7/09</u>	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Cumul Vol. (Gallons)	Groundwater Level (Feet BMP)	Field Chemistry Parameters				Color	Turbidity & Sediment	
			Temp (F/C)	pH	Conduct- ivity	ORP			
Time				± 0.1	± 3 %	± 10			
<u>744</u>	<u>0.2L</u>	<u>15.88</u>							
<u>747</u>	<u>740</u>	<u>15.95</u>	<u>19.44</u>	<u>7.10</u>	<u>0.777</u>	<u>184.9</u>	<u>Clear</u>	<u>low</u>	
<u>750</u>	<u>1460</u>	<u>15.95</u>	<u>19.04</u>	<u>7.15</u>	<u>0.780</u>	<u>185.9</u>	<u>Clear</u>	<u>low</u>	
<u>753</u>	<u>2220</u>	<u>15.94</u>	<u>19.76</u>	<u>7.14</u>	<u>0.782</u>	<u>187.2</u>	<u>Clear</u>	<u>low</u>	
<u>756</u>	<u>2940</u>	<u>15.94</u>	<u>19.77</u>	<u>7.12</u>	<u>0.787</u>	<u>187.4</u>	<u>Clear</u>	<u>low</u>	
<u>759</u>	<u>3690</u>	<u>15.94</u>	<u>19.79</u>	<u>7.10</u>	<u>0.794</u>	<u>187.4</u>	<u>Clear</u>	<u>low</u>	

Water level (ft. BMP) at End of Purge: \_\_\_\_\_

**Field Notes:**

**USE THIS SIDE OF THE GAUGING SHEET FOR WELLS CONTAINING PSH**  
**Green Star Environmental - PSH Gauging Data Sheet**

Site Name: GLI Oakland

Project No.: 09-1379

Date: 10/06/09

Measured By: JRS

Instrument Used: K6CK

Well Number	Depth to PSH (feet)	Depth to Water (feet BGS)	PSH Thickness (feet)	Total Well Depth (feet)	PSH Recovered (gallons)	Total Fluid (PSH & Water) Recovered (gallons)	Recovery Method	Notes
ES-7	—	17.90	—	31.72	—	—	—	see other notes
ES-6	—	18.52	—	35.00				
ES-11	—	15.90	—	35.04				
ES-4	—	15.80	—	29.94				
ES-3	—	17.04	—	31.50				
ES-1	—	16.10	—	30.15				
BC-1	—	16.27	—	29.59				Strong odor
ES-2	—	16.57	—	30.15				
BC-2	—	16.61	—	19.94				
BC-3	—	16.60	—	20.16				
ES-5	—	16.12	—	30.08				slight odor
ES-8	—	17.03	—	29.16				
ES-9	—	15.52	—	34.91				

NOTES: \_\_\_\_\_  
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 \_\_\_\_\_